

Wheel Loaders

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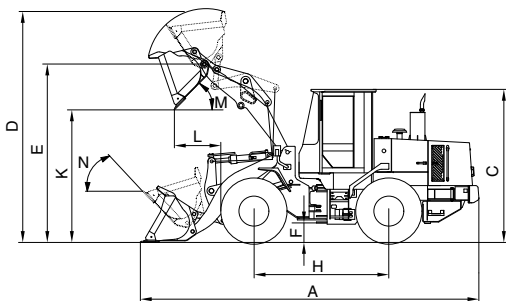
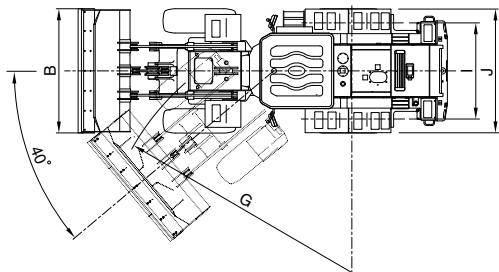
HL730-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	9.7 (21380)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6850 (22' 6")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3120 (10' 3")
	Overall height (bucket raised)	D mm (ft-in)	4790 (15' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins B3.9
	Rated horse power (Gross)	hp/rpm	125/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	52 (376)
	Displacement	cc (cu in)	3920 (239)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	22.1 (13.8)
	4th	km/h (mph)	37.0 (23.1)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	23.3 (14.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	9590 (21140)
	Dump clearance at 45°	K mm (ft-in)	2730 (8' 11")
	reach (full lift)	L mm (ft-in)	1005 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.2
lower	sec	2.3	
Bucket dump	sec	1.0	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+28.5
	Rated oil flow	lpm (U.S. gpm)	140 (40)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	35+17 (9.2+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21.1)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	60 (850)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LG-20011	31Y2-04281
Boom cylinder (right)	31LG-20021	31Y2-04281
Bucket cylinder (STD)	31LG-20031	31Y2-03751
Bucket cylinder (XTD)	31LG-20270	31Y2-03751
Steering cylinder (left)	31LG-30010	31Y2-05311
Steering cylinder (right)	31LG-30020	31Y2-05311

※ The part numbers are only reference.

HL730-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N4-70110	250
Fuel		11N4-70210	500
Transmission oil	-#0412	ZGAQ-00001	1000
	#0413-	ZGAQ-02400	1000
Prefilter	-#0108	3964300	500
	#0109-	11LD-20250	500
Hydraulic	Return (round cowl)	31L1-4041 (#0057-)	250
	Return (square cowl)	31L9-60161	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	250
Fuel		202 (53.3)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ 2000 * ² 5000
	System	125 (33.0)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		18.4/18.4 (4.9/4.9)	1000
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L8-00501/BG	-#0337/#0338-
Tooth (right)	61L8-00511/BG	-#0337/#0338-
Tooth (center)	61L8-00521/BG	-#0337/#0338-
Cutting edge (left, right)	61LG-00370/BG	-#0337/#0338-
Cutting edge (center)	61LG-00360/BG	-#0337/#0338-

※ The part numbers are only reference.

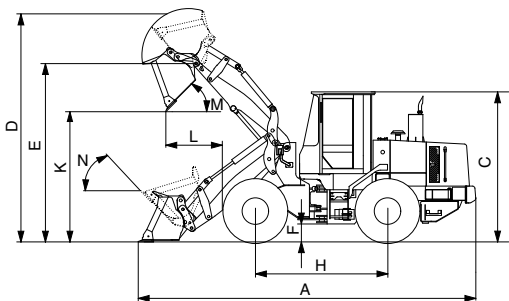
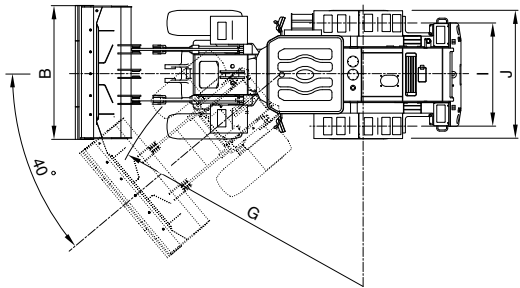
HL730TM-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.0 (22050)
	Bucket capacity	m ³ (yd ³)	1.7(2.2)
	Overall length	A mm (ft-in)	7000 (23' 0")
	Overall width	B mm (ft-in)	2400 (7'10")
	Overall height	C mm (ft-in)	3120 (10' 3")
	Overall height (bucket raised)	D mm (ft-in)	4870 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3780 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins B3.9
	Rated horse power (Gross)	hp/rpm	125/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	52 (376)
	Displacement	cc (cu in)	3920 (239)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	22.1 (13.8)
	4th	km/h (mph)	37.0 (23.1)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	23.3 (14.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	10090 (22240)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1140 (3' 9")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.4
lower	sec	2.4	
Bucket dump	sec	1.4	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730TM-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+28.5
	Rated oil flow	lpm (U.S. gpm)	140 (40)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	35+17 (9.2+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21.1)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	60 (850)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LG-20011	31Y2-04281
Boom cylinder (right)	31LG-20021	31Y2-04281
Bucket cylinder (left)	31LG-20120	31Y2-06520
Bucket cylinder (right)	31LG-20130	31Y2-06520
Steering cylinder (left)	31LG-30010	31Y2-05311
Steering cylinder (right)	31LG-30020	31Y2-05311

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N4-70110	250
Fuel		11N4-70210	500
Transmission oil	-#0134	ZGAQ-00001	1000
	#0135-	ZGAQ-02400	1000
Prefilter	-#0027	3964300	500
	#0028-	11LD-20250	500
Hydraulic	Return (round cowl)	31L1-4041 (#0010-)	250
	Return (square cowl)	31L9-60161	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	250
Fuel		202 (53)	-
Hydraulic oil	Tank	90 (24)	* ¹ 2000 * ² 5000
	System	125 (33)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		18.4/18.4 (4.9/4.9)	1000
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61L7-20040/BG	-#0133/#0134-
Cutting edge (center)	61L8-20170/BG	-#0133/#0134-

※ The part numbers are only reference.

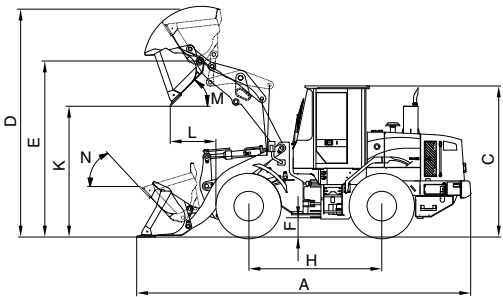
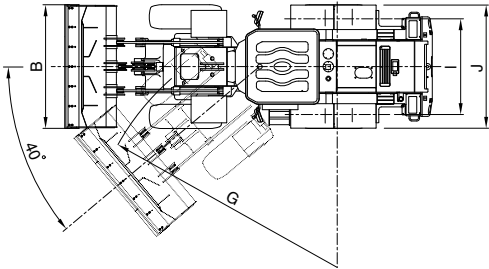
HL730-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	9.7 (21400)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6850 (22' 6")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4790 (15' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	125/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	56 (408)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	22.1 (13.7)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	6.5 (4.0)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	23.1 (14.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	9590 (21140)
	Dump clearance at 45°	K mm (ft-in)	2730 (8' 11")
	reach (full lift)	L mm (ft-in)	1005 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.6
lower	sec	2.8	
Bucket dump	sec	1.0	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	140 (37.0)
Fan + Brake pump	Capacity	cc/rev	14+8.7
	Rated oil flow	lpm (U.S. gpm)	29+18 (7.7+4.8)
	Operating pressure	kgf/cm ² (psi)	100+150 (1420+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	60 (850)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LG-20011	31Y2-04281
Boom cylinder (right)	31LG-20021	31Y2-04281
Bucket cylinder (STD)	31LG-20031	31Y2-03751
Bucket cylinder (XTD)	31LG-20270	31Y2-03751
Steering cylinder (left)	31LG-30010	31Y2-05311
Steering cylinder (right)	31LG-30020	31Y2-05311

※ The part numbers are only reference.

HL730-7A

Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		11NA-71041	500	
Hydraulic	Return	-#0213 #0214-	31LH-60070 31LH-60071	1000 1000
	Pilot		31MH-20320	1000
	Air breather		31EE-02110	250
	Brake		31L1-0139	250 (clean)
	Air cleaner	Inner Outer	11EM-21051 11EM-21041	As required * ¹ 500 (clean)
Air conditioner	Inner Outer	11N6-90770 71LB-00290	As required * ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel		202 (53.3)	-
Hydraulic oil	Tank System	90 (23.7)	* ¹ 2000 * ² 5000
		125 (33.0)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		18.4/18.4 (4.9/4.9)	1000
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L8-00501BG	
Tooth (right)	61L8-00511BG	
Tooth (center)	61L8-00521BG	
Cutting edge (left, right)	61LG-00370BG	
Cutting edge (center)	61LG-00360BG	

※ The part numbers are only reference.

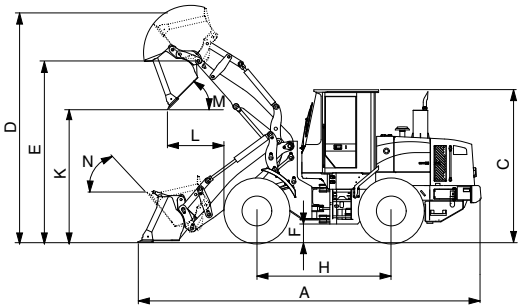
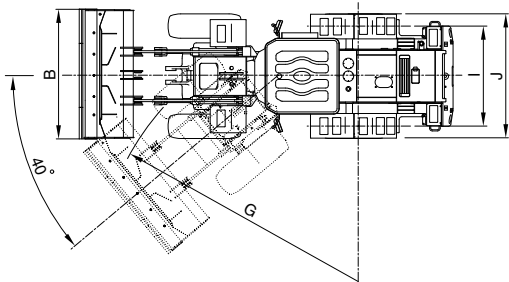
HL730TM-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.0 (22050)
	Bucket capacity	m ³ (yd ³)	1.6 (2.1)
	Overall length	A mm (ft-in)	7000 (23' 0")
	Overall width	B mm (ft-in)	2400 (7'10")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4870 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3780 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	125/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	56 (408)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	22.1 (13.7)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	6.5 (4.0)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	23.1 (14.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	10090 (22240)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1140 (3' 9")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.4
lower	sec	2.4	
Bucket dump	sec	1.4	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730TM-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	140 (40.0)
Fan + Brake pump	Capacity	cc/rev	14+8.7
	Rated oil flow	lpm (U.S. gpm)	29+18 (7.7+4.8)
	Operating pressure	kgf/cm ² (psi)	100+150 (1420+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410) *120 (1710)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	60 (850)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

* Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LG-20011	31Y2-04281
Boom cylinder (right)	31LG-20021	31Y2-04281
Bucket cylinder (left)	31LG-20310	31Y2-06520
Bucket cylinder (right)	31LG-20320	31Y2-06520
Steering cylinder (left)	31LG-30010	31Y2-05311
Steering cylinder (right)	31LG-30020	31Y2-05311

* The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		11NA-71041	500	
Hydraulic	Return	-#0075 #0076-	31LH-60070 31LH-60071	1000 1000
	Pilot		31MH-20320	1000
	Air breather		31EE-02110	250
	Brake		31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required	
	Outer	11EM-21041	* ¹ 500 (clean)	
Air conditioner	Inner	11N6-90770	As required	
	Outer	71LB-00290	* ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel		202 (53.3)	-
Hydraulic oil	Tank	90 (24)	* ¹ 2000 * ² 5000
	System	125 (33)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		18.4/18.4 (4.9/4.9)	1000
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61L7-20040BG	
Cutting edge (center)	61L8-20170BG	

※ The part numbers are only reference.

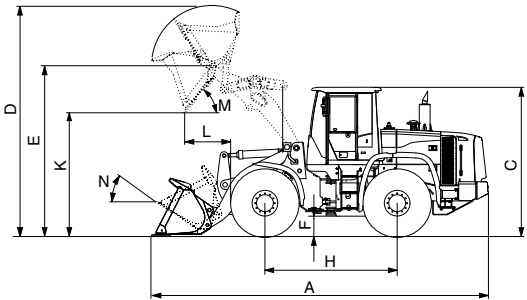
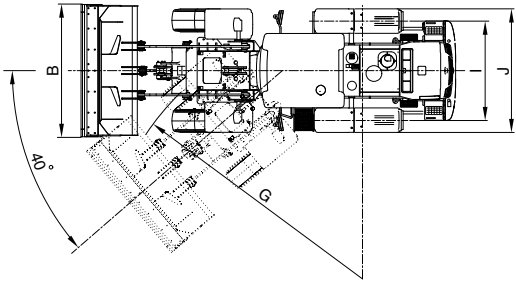
HL730-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	9.8 (21600)
	Bucket capacity	m ³ (yd ³)	1.9 (2.5)
	Overall length	A mm (ft-in)	6950 (22' 10")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4850 (15' 11")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	125/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	56 (408)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.2 (7.0)
	3rd	km/h (mph)	22.2 (13.8)
	4th	km/h (mph)	37.2 (23.2)
	Travel speed - Reverse 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	11.8 (7.4)
	3rd	km/h (mph)	23.4 (14.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	9150 (20170)
	Dump clearance at 45°	K mm (ft-in)	2700 (8' 10")
	reach (full lift)	L mm (ft-in)	1040 (3' 5")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.4
lower	sec	2.8	
Bucket dump	sec	1.0	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	126 (33.3)
Fan + Brake pump	Capacity	cc/rev	9.17+9.17
	Rated oil flow	lpm (U.S. gpm)	19+19 (5.0+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	300 (4270)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 123/123
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 10
Battery	Capacity	V-AH	24-100

HL730-9

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LP-20110	31Y2-12620
CHANGZHOU #0257-	31LP-20110C	31Y2-12620
SHPAC #0257-	31LP-20110E	XKCC-02782
Boom cylinder (right)	31LP-20120	31Y2-12620
CHANGZHOU #0257-	31LP-20120C	31Y2-12620
SHPAC #0257-	31LP-20120E	XKCC-02782
Bucket cylinder (STD) -#0233	31LP-20101	31Y2-12450
#0234-	31LP-20102	31Y2-12450
CHANGZHOU #0257-	31LP-20102C	31Y2-12450
SHPAC #0257-	31LP-20102E	XKCC-02767
Bucket cylinder (XTD) -#0233	31LP-20530	31Y2-12450
#0234-	31LP-20531	31Y2-12450
CHANGZHOU #0257-	31LP-20531C	31Y2-12450
SHPAC #0257-	31LP-20531E	XKCC-02767
Steering cylinder (left)	31LP-30020	XKCC-00551
Steering cylinder (right)	31LP-30030	XKCC-00551

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11NA-71041	500
Hydraulic	Return -#0112	31LH-60070	1000
	#0113-	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
	Brake -#0216	31LM-40090	1000
Air cleaner	Inner	11N6-27030	As required
	Outer	11N6-27040	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer -#0089	71LB-00290	* ¹ 250 (clean)
	#0090-	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel	-#0018	218 (57.6)	-
	#0019-	200 (52.8)	-
Hydraulic oil	Tank	121 (32)	* ¹ 2000 * ² 5000
	System	154 (40.7)	-
Transmission		20 (5.3)	1000
Axle (front / rear)	-#0235	17.7/17.7 (4.7/4.7)	1000
	#0236-	17/17 (4.5/4.5)	1000
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L8-00501BG	
Tooth (right)	61L8-00511BG	
Tooth (center)	61L8-00521BG	
Cutting edge (left, right)	61LP-00331	
Cutting edge (center)	61LP-00311	

※ The part numbers are only reference.

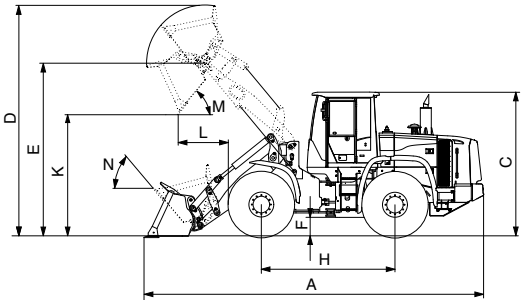
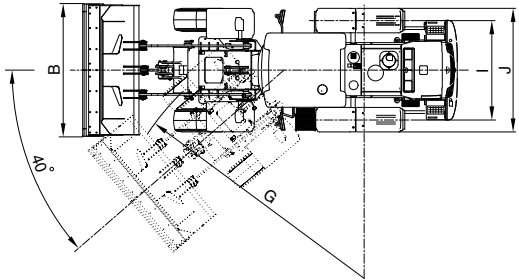
HL730TM-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.2 (22490)
	Bucket capacity	m ³ (yd ³)	1.7 (2.2)
	Overall length	A mm (ft-in)	7060 (23' 2")
	Overall width	B mm (ft-in)	2400 (7' 10")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4900 (16' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	3795 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	125/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	56 (408)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.2 (7.0)
	3rd	km/h (mph)	22.2 (13.8)
	4th	km/h (mph)	37.2 (23.2)
	Travel speed - Reverse 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	11.8 (7.4)
	3rd	km/h (mph)	23.4 (14.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	9960 (21960)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1130 (3' 8")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.4
lower	sec	2.8	
Bucket dump	sec	1.6	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730TM-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	126 (33.3)
Fan + Brake pump	Capacity	cc/rev	9.17+9.17
	Rated oil flow	lpm (U.S. gpm)	19+19 (5.0+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	300 (4270) *150 (2130)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	DANA 123/123
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

* Bucket dump

HL730TM-9

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LP-20110	31Y2-12620
CHANGZHOU #0098-	31LP-20110C	31Y2-12620
SHPAC #0098-	31LP-20110E	XKCC-02755
Boom cylinder (right)	31LP-20120	31Y2-12620
CHANGZHOU #0098-	31LP-20120C	31Y2-12620
SHPAC #0098-	31LP-20120E	XKCC-02755
Bucket cylinder (left)	31LP-20300	XKCC-00631
Bucket cylinder (right)	31LP-20310	XKCC-00631
Steering cylinder (left)	31LP-30020	XKCC-00551
Steering cylinder (right)	31LP-30030	XKCC-00551

※ The part numbers are only reference.

HL730TM-9

Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		-#0083 #0084-	500 500	
Hydraulic	Return	-#0042 #0043-	31LH-60070 31LH-60071	1000 1000
	Pilot		31LM-10310	1000
	Air breather		31EE-02110	250
	Brake	-#0083	31LM-40090	1000
	Air cleaner	Inner Outer	11N6-27030 11N6-27040	As required * ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required	
	Outer	-#0037 #0038-	71LB-00290 71LM-00290	* ¹ 250 (clean) * ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)	
Engine oil		11 (2.9)	500	
Fuel		-#0006 #0007-	218 (57.6) 200 (52.8)	- -
Hydraulic oil	Tank	121 (32)	* ¹ 2000 * ² 5000	
	System	154 (40.7)	-	
Transmission		20 (5.3)	1000	
Axle (front / rear)	-#0088 #0089-	17.7/17.7 (4.7/4.7) 17/17 (4.5/4.5)	1000 1500	
	Coolant	30 (7.9)	2000	

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LN-20140	-#0096
	61LN-20141	#0097-
Cutting edge (center)	61LP-20170	-#0096
	61LP-20171	#0097-

※ The part numbers are only reference.

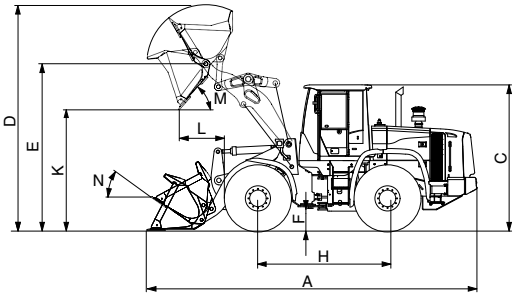
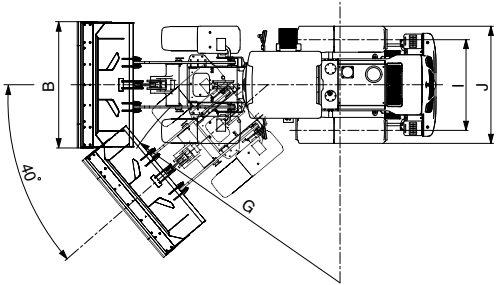
HL730-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.5 (23150)
	Bucket capacity	m ³ (yd ³)	1.9 (2.5)
	Overall length	A mm (ft-in)	7000 (23' 0")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4850 (15' 11")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4780 (15' 8")
	Wheel base	H mm (ft-in)	2800 (9' 2")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	130/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	63 (457)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.4 (7.7)
	3rd	km/h (mph)	24.1 (15.0)
	4th	km/h (mph)	39.2 (24.4)
	Travel speed - Reverse 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	13.1 (8.1)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	9150 (20170)
	Dump clearance at 45°	K mm (ft-in)	2700 (8' 10")
	reach (full lift)	L mm (ft-in)	1040 (3' 5")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.4
lower	sec	2.8	
Bucket dump	sec	1.0	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	126 (33.3)
Fan + Brake pump	Capacity	cc/rev	11.9+9.17
	Rated oil flow	lpm (U.S. gpm)	25+19 (6.6+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	300 (4270)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	ZF MT-L3055II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 10
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LP-20110	31Y2-12620
Boom cylinder (right)	31LP-20120	31Y2-12620
Bucket cylinder (STD) -#0099	31LP-20101	31Y2-12450
	#0100- 31LP-20102	31Y2-12450
Bucket cylinder (XTD) -#0099	31LP-20530	31Y2-12450
	#0100- 31LP-20531	31Y2-12450
Steering cylinder (left)	31LP-30020	XKCC-00551
Steering cylinder (right)	31LP-30030	XKCC-00551

※ The part numbers are only reference.

HL730-9A

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel	-#0002	5289121	500
	#0003-	11Q7-71010	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11NA-71041	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
	Brake -#0041	31LM-40090	1000
Air cleaner	Inner	11LP-45190	As required
	Outer -#0153	11LP-45180	* ¹ 1000 (clean)
		#0154-	11LP-45181
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel		200 (52.8)	-
Hydraulic oil	Tank	121 (32)	* ¹ 2000 * ² 5000
	System	154 (40.7)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		17/17 (4.5/4.5)	1500
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L8-00501BG	
Tooth (right)	61L8-00511BG	
Tooth (center)	61L8-00521BG	
Cutting edge (left, right)	61LP-00331	
Cutting edge (center)	61LP-00311	

※ The part numbers are only reference.

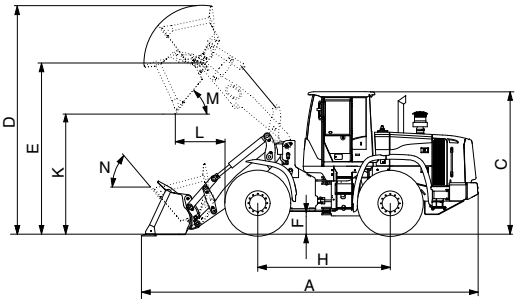
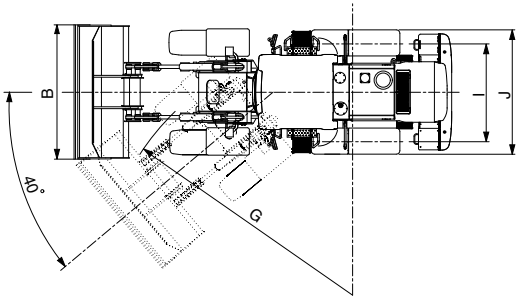
HL730TM-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.9 (24030)
	Bucket capacity	m ³ (yd ³)	1.7 (2.2)
	Overall length	A mm (ft-in)	7110 (23' 4")
	Overall width	B mm (ft-in)	2400 (7' 10")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4900 (16' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	3795 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4780 (15' 8")
	Wheel base	H mm (ft-in)	2800 (9' 2")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	130/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	63 (457)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.4 (7.7)
	3rd	km/h (mph)	24.1 (15.0)
	4th	km/h (mph)	39.2 (24.4)
	Travel speed - Reverse 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	13.1 (8.1)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	9960 (21960)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1130 (3' 8")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
Boom raise	sec	5.4	
lower	sec	2.8	
Bucket dump	sec	1.6	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730TM-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	126 (33.3)
Fan + Brake pump	Capacity	cc/rev	11.9+9.17
	Rated oil flow	lpm (U.S. gpm)	25+19 (6.6+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	300 (4270) *150 (2130)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	ZF MT-L3055II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

*: Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LP-20110	31Y2-12620
Boom cylinder (right)	31LP-20120	31Y2-12620
Bucket cylinder(left)	31LP-20300	XKCC-00631
Bucket cylinder(left)	31LP-20310	XKCC-00631
Steering cylinder (left)	31LP-30020	XKCC-00551
Steering cylinder (right)	31LP-30030	XKCC-00551
Quick coupler cylinder	31LF-21511	31Y2-05920

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		11Q7-71010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0026	11NA-71041	500
	#0027-	11QA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
	Brake -#0026	31LM-40090	1000
Air cleaner	Inner	11LP-45190	As required
	Outer -#0041	11LP-45180	* ¹ 1000 (clean)
		#0042-	11LP-45181
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel		200 (52.8)	-
Hydraulic oil	Tank	121 (32)	* ¹ 2000 * ² 5000
	System	154 (40.7)	-
Transmission		20 (5.3)	1000
Axle (front / rear)		17/17 (4.5/4.5)	1500
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LN-20140	
Cutting edge (center)	61LP-20170	

※ The part numbers are only reference.

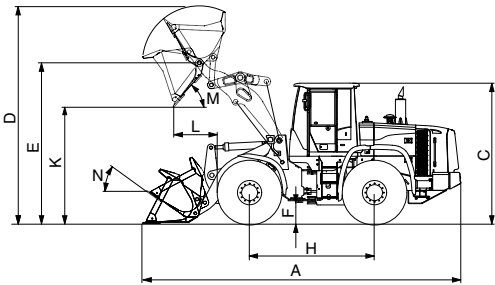
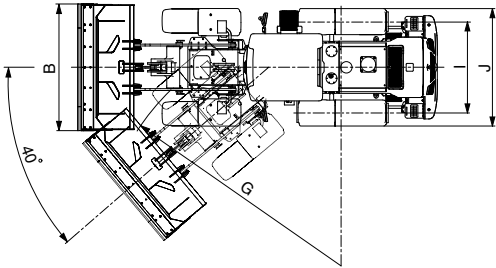
HL730-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	9.7 (21400)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6900 (22' 8")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3190 (10' 6")
	Overall height (bucket raised)	D mm (ft-in)	4790 (15' 9")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4700 (15' 5")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 0")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	Cummins QSB4.5
	Rated horse power (Gross)	hp/rpm	125/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	56 (408)
	Displacement	cc (cu in)	4500 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.0 (3.7)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	21.8 (13.5)
	4th	km/h (mph)	37.0 (23.0)
	Travel speed - Reverse 1st	km/h (mph)	6.3 (3.9)
	2nd	km/h (mph)	11.6 (7.2)
	3rd	km/h (mph)	23.0 (14.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	9590 (21140)
	Dump clearance at 45°	K mm (ft-in)	2730 (8' 11")
	reach (full lift)	L mm (ft-in)	1005 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.6
lower	sec	3.0	
Bucket dump	sec	1.0	
Tire	Spec	-	17.5-25, 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL730-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	36+32.3
	Rated oil flow	lpm (U.S. gpm)	138 (36.5)
Fan + Brake pump	Capacity	cc/rev	9.17+9.17
	Rated oil flow	lpm (U.S. gpm)	19+19 (5.0+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	80 (21)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Single circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (228+28)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61+43)
	Clutch pressure	kgf/cm ² (psi)	16+2 (228+28)
	Lubricating pressure	kgf/cm ² (psi)	3 (43)
Axle	Model	-	ZF MT-L3055II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

HL730-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left) -#0140	31LP-21010	31Y2-04281
CHANGZHOU #0141-	31LP-21010C	31Y2-04281
SHPAC #0141-	31LP-21010E	XKCC-02782
Boom cylinder (right) -#0140	31LP-21020	31Y2-04281
CHANGZHOU #0141-	31LP-20120C	31Y2-04281
SHPAC #0141-	31LP-20120E	XKCC-02782
Bucket cylinder (STD)	31LP-21031	31Y2-03751
CHANGZHOU	31LP-21031C	31Y2-03751
SHPAC #0141-	31LP-21031E	XKCC-02795
Bucket cylinder (XTD)	31LP-21041	31Y2-03751
CHANGZHOU	31LP-21041C	31Y2-03751
SHPAC #0141-	31LP-21041E	XKCC-02795
Steering cylinder (left)	31LP-30020	XKCC-00551
Steering cylinder (right)	31LP-30030	XKCC-00551

※ The part numbers are only reference.

HL730-9S

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter		#0078-11NA-71041 #0079-11QA-71040	500
Hydraulic	Return	#0001-11NA-72011 #0057-31L1-4041 #0091-31LP-69040 #0092-31LP-69041	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
	Air cleaner	Inner 11N6-27030 Outer 11N6-27040	As required * ¹ 500 (clean)
Air conditioner	Inner 11N6-90770 Outer 71LM-00290	As required * ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	500
Fuel		200 (52.8)	-
Hydraulic oil	Tank	92 (24.3)	* ¹ 2000 * ² 5000
	System	134.5 (35.5)	-
Transmission		20 (5.3)	1000
Axle (front / rear)	#0088	17.7/17.7 (4.7/4.7)	1000
	#0089-	17/17 (4.5/4.5)	1500
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L8-00501GG	
Tooth (right)	61L8-00511GG	
Tooth (center)	61L8-00521GG	
Cutting edge (left, right)	61LG-00370GG	
Cutting edge (center)	61LG-00360GG	

※ The part numbers are only reference.

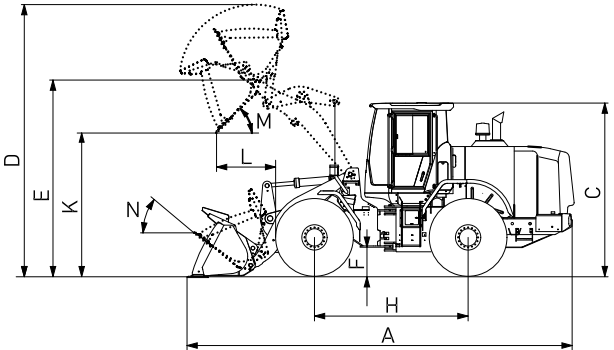
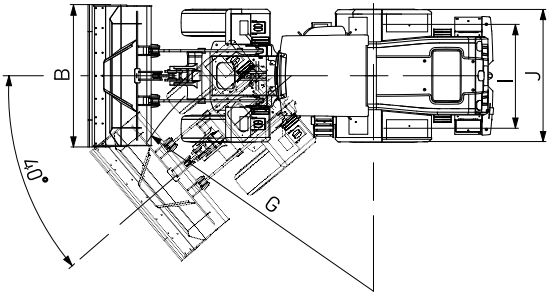
HL930A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	11.5 (25355)
	Bucket capacity	m ³ (yd ³)	1.9 (2.5)
	Overall length	A mm (ft-in)	7125 (23' 5")
	Overall width	B mm (ft-in)	2450 (8' 0")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4855 (15' 11")
	Overall height (bucket pivot pin)	E mm (ft-in)	3640 (11' 11")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	5050 (16' 7")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1930 (6' 4")
	Width of tires	J mm (ft-in)	2375 (7' 10")
Engine	Model	-	Cummins B4.5
	Rated horse power (Gross)	hp/rpm	133/2200
	Maximum torque (at 1200 rpm)	kgf·m (lbf·ft)	64.5 (467)
	Displacement	ℓ (cu in)	4.5 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.6 (14.7)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	24.8 (15.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	9150 (20065)
	Dump clearance at 45°	K mm (ft-in)	2700 (8' 10")
	reach (full lift)	L mm (ft-in)	1065 (3' 6")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Lift (with load)	sec	5.8
Lower (empty)	sec	3.6	
Dump (with load)	sec	1.5	
Tire	Spec	-	17.5 R25, **, L3
	Air pressure	kgf/cm ² (psi)	5.3 (75)

※ Specifications are based on the standard machine.

Dimension



HL930A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60
	Rated oil flow	lpm (U.S. gpm)	132 (34.9)
	Operating pressure	bar (psi)	250 (3626)
Fan / Brake pump	Capacity	cc/rev	11.9 / 9.2
	Rated oil flow	lpm (U.S. gpm)	26.5 / 20.5 (7.0/5.4)
	Operating pressure	bar	130 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	500
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	72 (1040)
Cut off valve	Cut in pressure	bar (psi)	120 (1740)
	Cut off pressure	bar (psi)	150 (2176)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	3 (43)
Axle	Model	-	MT-L3065II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-100

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	35WA-25110GG	XKCC-04358
	RH	35WA-25120GG	XKCC-04358
Boom cylinder* ²	LH	HCWA-25110GG	31Y2-12620
	RH	HCWA-25120GG	31Y2-12620
Bucket cylinder* ¹	LH	31LP-20102EGG	XKCC-02767
	RH	31LP-20531EGG	XKCC-02767
Steering cylinder	LH	31LP-30020	XKCC-00551
	RH	31LP-30030	XKCC-00551

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

HL930A

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
DEF/AdBlue®	Tank	11K8-76090	4000
	Supply module	YUBP-11881	4500
Air cleaner	Inner	11N6-27030	2000
	Outer	11N6-27040	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	800
Fuel		189.5 (50)	-
DEF/AdBlue®		19 (5.0)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ * ² 2000 * ² 5000
	System	130 (34.3)	-
Transmission		34.5 (9.1)	1000
Axle (front / rear)		23/23 (6.1/6.1)	1500
Coolant		37 (9.8)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LP-00332	
Cutting edge (center)	61LP-00312	

※ The part numbers are only reference.

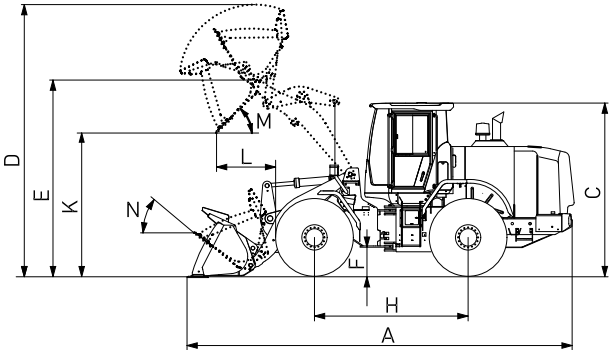
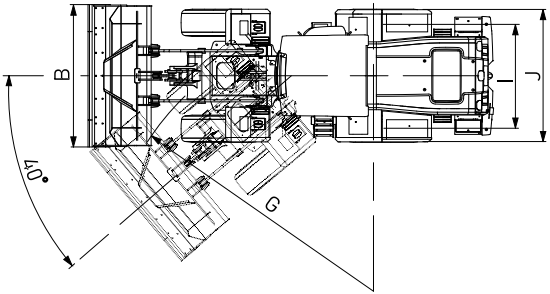
HL930A TM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.0 (26370)
	Bucket capacity	m ³ (yd ³)	1.7 (2.2)
	Overall length	A mm (ft-in)	7230 (23' 9")
	Overall width	B mm (ft-in)	2400 (7' 10")
	Overall height	C mm (ft-in)	3170 (10' 5")
	Overall height (bucket raised)	D mm (ft-in)	4900 (16' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	3795 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	5050 (16' 7")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1930 (6' 4")
	Width of tires	J mm (ft-in)	2375 (7' 10")
Engine	Model	-	Cummins B4.5
	Rated horse power (Gross)	hp/rpm	133/2200
	Maximum torque (at 1200 rpm)	kgf·m (lbf·ft)	64.5 (467)
	Displacement	ℓ (cu in)	4.5 (275)
Performance	Travel speed - Forward 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.6 (14.7)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	24.8 (15.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	9950 (21940)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1160 (3' 10")
	angle	M degree	50
	Roll back angle (carry position)	N degree	53
	Lift (with load)	sec	5.8
Lower (empty)	sec	3.6	
Dump (with load)	sec	2.2	
Tire	Spec	-	17.5 R25, **, L3
	Air pressure	kgf/cm ² (psi)	5.3 (75)

※ Specifications are based on the standard machine.

Dimension



HL930A TM

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60
	Rated oil flow	lpm (U.S. gpm)	132 (34.9)
	Operating pressure	bar (psi)	250 (3626)
Fan / Brake pump	Capacity	cc/rev	11.9 / 9.2
	Rated oil flow	lpm (U.S. gpm)	26.5 / 20.5 (7.0/5.4)
	Operating pressure	bar (psi)	130 (1885) / 150 (2176)
MCV	Main relief valve pressure	kgf/cm ² (psi)	250 (3560)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	500
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	72 (1040)
Cut off valve	Cut in pressure	bar (psi)	120 (1740)
	Cut off pressure	bar (psi)	150 (2176)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	3 (43)
Axle	Model	-	MT-L3065II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-100

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31LP-20110EGG	XKCC-02755
	RH	31LP-20120EGG	XKCC-02755
Boom cylinder* ²	LH	31LP-20110CGG	31Y2-12620
	RH	31LP-20120CGG	31Y2-12620
Bucket cylinder	LH	31LP-20300	XKCC-00631
	RH	31LP-20310	XKCC-00631
Steering cylinder	LH	31LP-30020	XKCC-00551
	RH	31LP-30030	XKCC-00551

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

HL930A TM

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
DEF/AdBlue®	Tank	11K8-76090	4000
	Supply module	YUBP-11881	4500
Air cleaner	Inner	11N6-27030	2000
	Outer	11N6-27040	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		11 (2.9)	800
Fuel		189.5 (50)	-
DEF/AdBlue®		19 (5.0)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ * ² 2000 * ² 5000
	System	130 (34.3)	-
Transmission		34.5 (9.1)	1000
Axle (front / rear)		23/23 (6.1/6.1)	1500
Coolant		37 (9.8)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LP-20171	
Cutting edge (center)	61LP-20171	

※ The part numbers are only reference.

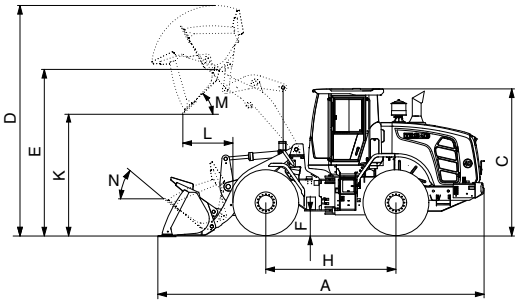
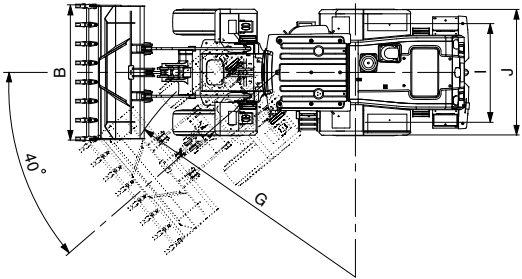
HL935

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.7 (28000)
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7390 (24' 3")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5215 (17' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	3820 (12' 6")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5110 (16' 10")
	Wheel base	H mm (ft-in)	2950 (9' 8")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	158/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	86 (620)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	24.9 (15.5)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	13.4 (8.3)
	3rd	km/h (mph)	26.1 (16.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	9850 (21720)
	Dump clearance at 45°	K mm (ft-in)	2815 (9' 3")
	reach (full lift)	L mm (ft-in)	995 (3' 3")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.6
lower	sec	3.0	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL935

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	68
	Rated oil flow	lpm (U.S. gpm)	136 (35.9)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	bar	250 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	520
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II/3065II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WA-20710	XKCD-04047
Boom cylinder (right)	31WA-20720	XKCD-04047
Bucket cylinder (STD)	31WA-20141	XKCD-04028
Bucket cylinder (XT)	31WA-20641	XKCD-04028
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422

※ The part numbers are only reference.

HL935

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required * ¹ 1000 (clean)
	Outer	11LL-45181	
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 1000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
DEF/AdBlue®		18 (4.8)	-
Hydraulic oil	Tank System	90 (23.7)	* ¹ 2000 * ² 5000
		130 (34.3)	-
Transmission		27 (7.1)	1000
Axle (front / rear)		24/23 (6.3/6.1)	1500
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61WA-00422	
Cutting edge (center)	61LN-00311	

※ The part numbers are only reference.

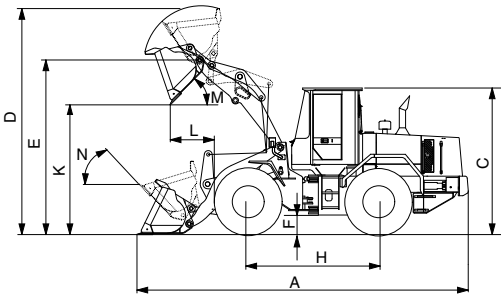
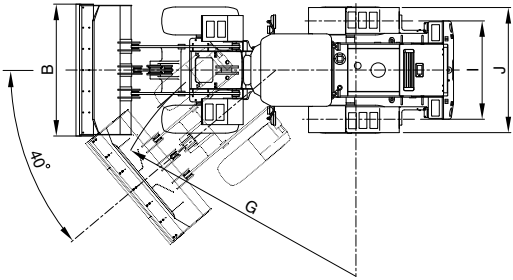
HL740-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	11.5 (25350)
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7270 (23' 10")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5070 (16' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3830 (12' 7")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
	Engine	Model	-
Rated horse power (Gross)		hp/rpm	140/2200
Maximum torque (at 1500 rpm)		kgf-m (lbf-ft)	60 (434)
Displacement		cc (cu in)	5900 (360)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.6 (7.9)
	3rd	km/h (mph)	24.0 (15)
	4th	km/h (mph)	38.2 (23.8)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	13.3 (8.3)
	3rd	km/h (mph)	25.3 (15.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	11880 (26190)
	Dump clearance at 45°	K mm (ft-in)	2850 (9' 4")
	reach (full lift)	L mm (ft-in)	970 (3' 2")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	2.8	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	46+36
	Rated oil flow	lpm (U.S. gpm)	177 (46.8)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	35+17 (9.2+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	220 (3130)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1700)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0044 31LF-20011	31Y2-03751
	#0045- 31LF-20410	31Y2-03751
Boom cylinder (right)	-#0044 31LF-20021	31Y2-03751
	#0045- 31LF-20420	31Y2-03751
Bucket cylinder (STD)	31LF-20031	31Y2-08080
Bucket cylinder (XTD)	31LF-20390	31Y2-08080
Steering cylinder (left)	31LF-30020	31Y2-04062
Steering cylinder (right)	31LF-30030	31Y2-04062

※ The part numbers are only reference.

HL740-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11E1-70140	500
Fuel		11LD-70010	500
Transmission oil	-#1398	ZGAQ-00001	1000
	#1399-	ZGAQ-02400	1000
Prefilter	-#0353	3964300	500
	#0354-	11LD-20250	500
Hydraulic	Return	31L1-4041	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16.4 (4.3)	500
Fuel		228 (60.2)	-
Hydraulic oil	Tank	105 (27.7)	* ¹ 2000 * ² 5000
	System	165 (44)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		21.2/21.2 (5.6/5.6)	1000
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170/BG	-#1205/#1206-
Tooth (right)	61L3-0171/BG	-#1205/#1206-
Tooth (center)	61L3-0169/BG	-#1205/#1206-
Cutting edge (left, right)	61LD-00370/BG	-#1205/#1206-
Cutting edge (center)	61LF-00330/BG	-#1205/#1206-

※ The part numbers are only reference.

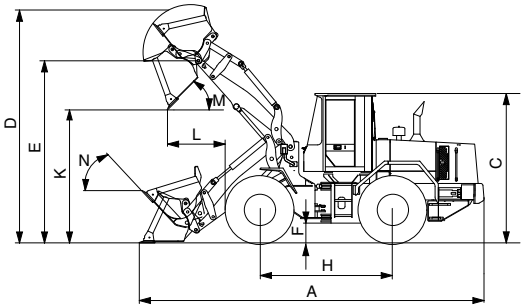
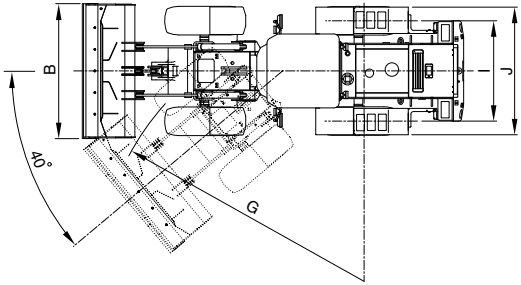
HL740TM-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	11.5 (25350)
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7270 (23' 10")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5070 (16' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3830 (12' 7")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
	Engine	Model	-
Rated horse power (Gross)		hp/rpm	140/2200
Maximum torque (at 1500 rpm)		kgf·m (lbf·ft)	60 (434)
Displacement		cc (cu in)	5880 (359)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.6 (7.9)
	3rd	km/h (mph)	24.0 (15.0)
	4th	km/h (mph)	38.2 (23.8)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	13.3 (8.3)
	3rd	km/h (mph)	25.3 (15.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	10650 (23480)
	Dump clearance at 45°	K mm (ft-in)	2850 (9' 4")
	reach (full lift)	L mm (ft-in)	970 (3' 2")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	2.8	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740TM-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	46+36
	Rated oil flow	lpm (U.S. gpm)	177 (46.8)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	35+17 (9.2+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	220 (3130)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410) *120 (1710)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1700)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 176/176
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0030 31LF-20011	31Y2-03751
	#0031- 31LF-20410	31Y2-03751
Boom cylinder (right)	-#0030 31LF-20021	31Y2-03751
	#0031- 31LF-20420	31Y2-03751
Bucket cylinder (left/right)	31LF-20170/80	31Y2-05790
Steering cylinder (left)	31LF-30020	31Y2-04062
Steering cylinder (right)	31LF-30030	31Y2-04062

※ The part numbers are only reference.

HL740TM-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11E1-70140	500
Fuel		11LD-70010	500
Transmission oil	-#0432	ZGAQ-00001	1000
	#0433-	ZGAQ-02400	1000
Prefilter	-#0115	3964300	500
	#0116-	11LD-20250	500
Hydraulic	Return	31L1-4041	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16.4 (4.3)	500
Fuel		228 (60.2)	-
Hydraulic oil	Tank	105 (27.7)	* ¹ 2000 * ² 5000
	System	165 (44)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		21.2/21.2 (5.6/5.6)	1000
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61L7-20040/BG	-#0412/#0413-
Cutting edge (center)	61L7-20030/BG	-#0412/#0413-

※ The part numbers are only reference.

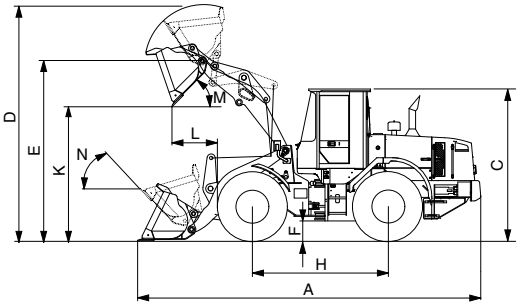
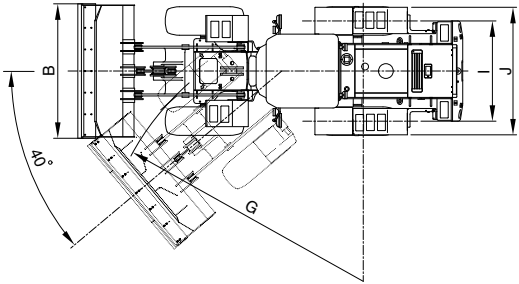
HL740-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	11.55 (25460)
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7270 (23' 7")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5070 (16' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3830 (12' 6")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	145/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	69 (500)
	Displacement	cc (cu in)	6730 (409)
Performance	Travel speed - Forward 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	11.7 (7.3)
	3rd	km/h (mph)	22.3 (13.9)
	4th	km/h (mph)	36.3 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.4 (7.7)
	3rd	km/h (mph)	23.4 (14.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	11880 (26190)
	Dump clearance at 45°	K mm (ft-in)	2850 (9' 4")
	reach (full lift)	L mm (ft-in)	970 (3' 2")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	2.8	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	46+41
	Rated oil flow	lpm (U.S. gpm)	179 (47.3)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	29+17 (7.7+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	220 (3130)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 176HD/176HD
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LF-20410	31Y2-03751
Boom cylinder (right)	31LF-20420	31Y2-03751
Bucket cylinder (STD)	31LF-20031	31Y2-08080
Bucket cylinder (XTD)	31LF-20390	31Y2-08080
Steering cylinder (left)	31LF-30020	31Y2-04062
Steering cylinder (right)	31LF-30030	31Y2-04062

※ The part numbers are only reference.

HL740-7A

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0385	11NA-71040	500
	#0386-	11NA-71041	500
Hydraulic	Return -#0840	31LH-60070	1000
	#0850-	31LH-60071	1000
	Pilot	31MH-20320	1000
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11N8-22150	As required
	Outer	11N8-22140	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		228 (60.2)	-
Hydraulic oil	Tank	105 (27.7)	* ¹ 2000 * ² 5000
	System	165 (44)	-
Transmission		26 (6.9)	1000
Axle (front / rear)		21.2/21.2 (5.6/5.6)	1000
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170BG	
Tooth (right)	61L3-0171BG	
Tooth (center)	61L3-0169BG	
Cutting edge (left, right)	61LD-00370BG	
Cutting edge (center)	61LF-00330BG	

※ The part numbers are only reference.

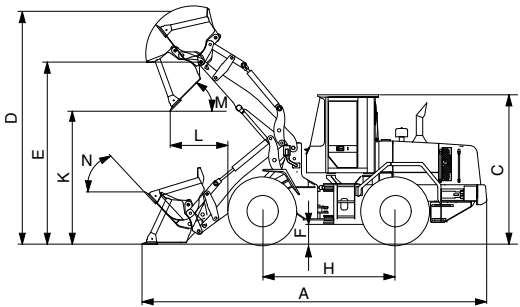
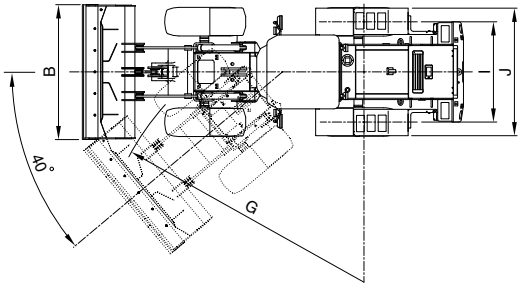
HL740TM-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.1 (26700)
	Bucket capacity	m ³ (yd ³)	2.0 (2.6)
	Overall length	A mm (ft-in)	7550 (24' 9")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5150 (16' 11")
	Overall height (bucket pivot pin)	E mm (ft-in)	3990 (13' 1")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	145/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	69 (500)
	Displacement	cc (cu in)	6730 (409)
Performance	Travel speed - Forward 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	11.7 (7.3)
	3rd	km/h (mph)	22.3 (13.9)
	4th	km/h (mph)	36.3 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.4 (7.7)
	3rd	km/h (mph)	23.4 (14.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	10650 (23480)
	Dump clearance at 45°	K mm (ft-in)	2915 (9' 7")
	reach (full lift)	L mm (ft-in)	1275 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.5
lower	sec	2.7	
Bucket dump	sec	1.4	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740TM-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	46+41
	Rated oil flow	lpm (U.S. gpm)	179 (47.3)
Fan + Brake pump	Capacity	cc/rev	16.8+8.2
	Rated oil flow	lpm (U.S. gpm)	29+17 (7.7+4.5)
	Operating pressure	kgf/cm ² (psi)	85+150 (1210+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	220 (3130)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410) *120 (1710)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 176HD/176HD
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LF-20410	31Y2-03751
Boom cylinder (right)	31LF-20420	31Y2-03751
Bucket cylinder (left)	31LF-20490	31Y2-05790
Bucket cylinder (right)	31LF-20500	31Y2-05790
Steering cylinder (left)	31LF-30020	31Y2-04062
Steering cylinder (right)	31LF-30030	31Y2-04062

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	#0131	11NA-71040	500
	#0132-	11NA-71041	500
Hydraulic	Return #0149	31LH-60070	1000
	#0150-	31LH-60071	1000
	Pilot	31MH-20320	1000
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11N8-22150	As required
	Outer	11N8-22140	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		228 (60.2)	-
Hydraulic oil	Tank	105 (27.7)	* ¹ 2000 * ² 5000
	System	165 (44)	-
Transmission		26 (6.9)	1000
Axle (front / rear)		21.2/21.2 (5.6/5.6)	1000
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61L7-20040BG	
Cutting edge (center)	61L7-20030BG	

※ The part numbers are only reference.

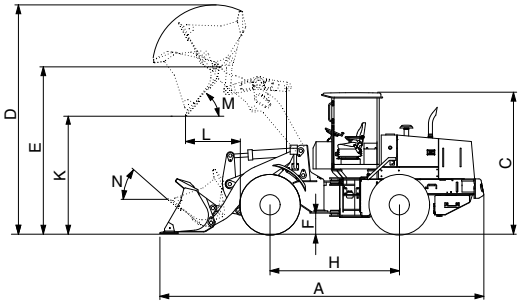
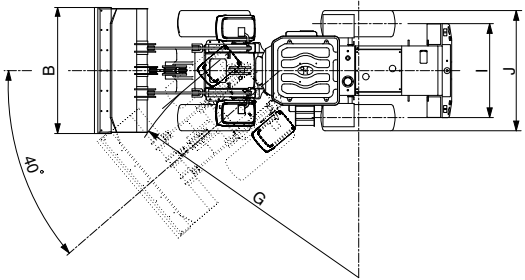
HL740-7S

Specification

Item		Unit	Specification
Dimension	Operating weight (canopy/cab)	ton (lb)	10.5 (23100)/10.7 (23650))
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7265 (23' 10")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3190 (10' 6")
	Overall height (bucket raised)	D mm (ft-in)	4990 (16' 5")
	Overall height (bucket pivot pin)	E mm (ft-in)	3740 (12' 3")
	Ground clearance	F mm (ft-in)	350 (1' 2")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2350 (7' 9")
Engine	Model	-	Cummins 6BTA5.9
	Rated horse power (Gross)	hp/rpm	152/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	68 (494)
	Displacement	cc (cu in)	5900 (360)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.3 (7.0)
	3rd	km/h (mph)	22.2 (13.8)
	4th	km/h (mph)	37.0 (23.0)
	Travel speed - Reverse 1st	km/h (mph)	6.5 (4.0)
	2nd	km/h (mph)	11.9 (7.4)
	3rd	km/h (mph)	23.4 (14.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	11880 (26190)
	Dump clearance at 45°	K mm (ft-in)	2760 (9' 1")
	reach (full lift)	L mm (ft-in)	1045 (3' 5")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.3	
Tire	Spec	-	17.5-25 12PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-7S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	40.4+40.4
	Rated oil flow	lpm (U.S. gpm)	89 (23.5)+89 (23.5)
Brake pump	Capacity	cc/rev	9
	Rated oil flow	lpm (U.S. gpm)	20 (5.3)
	Operating pressure	kgf/cm ² (psi)	180 (2560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (780)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1700)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG130
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 123HD/176
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-100

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LF-20810	31Y2-03751
Boom cylinder (right)	31LF-20820	31Y2-03751
Bucket cylinder (STD)	31LF-28310	31Y2-08080
Bucket cylinder (XTD)	31LF-28320	31Y2-08080
Steering cylinder (left)	31LF-30020	XKCC-01329
Steering cylinder (right)	31LF-30030	XKCC-01329

※ The part numbers are only reference.

HL740-7S

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937743	500
Fuel		3931063	500
Transmission oil		ZGAQ-02400	1000
Prefilter		FS1242	500
Hydraulic	Return	31L1-4041	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner (opt)	11N6-90770	As required
	Outer (cab, opt)	71LB-00290	* ¹ 0 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		17.4 (4.6)	500
Fuel		223 (58.9)	-
Hydraulic oil	Tank System	105 (27.7)	* ¹ 2000 * ² 5000
		165 (44)	-
Transmission		26 (6.7)	1000
Axle (front / rear)		17.7/17.7 (4.7/4.7)	1000
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170BG	
Tooth (right)	61L3-0171BG	
Tooth (center)	61L3-0169BG	
Cutting edge (left, right)	61LD-00370BG	
Cutting edge (center)	61LF-00330BG	

※ The part numbers are only reference.

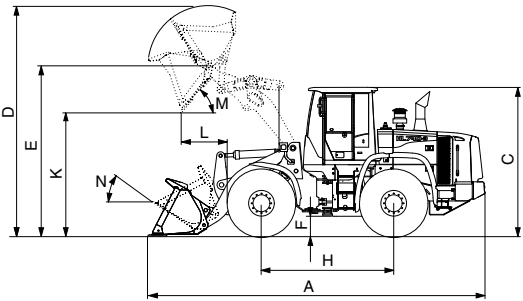
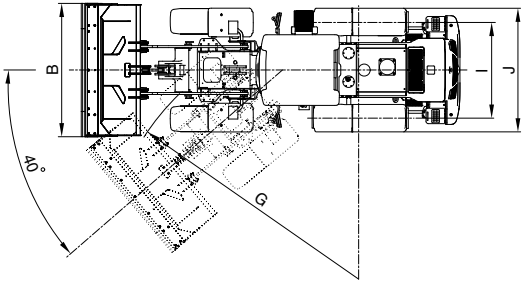
HL740-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.0 (26460)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7380 (24' 3")
	Overall width	B mm (ft-in)	2600 (8' 6")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5120 (16' 10")
	Overall height (bucket pivot pin)	E mm (ft-in)	3820 (12' 6")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Gross)	hp/rpm	145/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	69 (499)
	Displacement	cc (cu in)	6730 (409)
Performance	Travel speed - Forward 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	23.8 (14.8)
	4th	km/h (mph)	39.0 (24.3)
	Travel speed - Reverse 1st	km/h (mph)	7.1 (4.4)
	2nd	km/h (mph)	12.9 (8.0)
	3rd	km/h (mph)	25.1 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	11250 (24800)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	155 (40.9)
Fan + Brake pump	Capacity	cc/rev	9.1+9.1
	Rated oil flow	lpm (U.S. gpm)	19+19 (5.0+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 113/123
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-80

* : Bucket dump

HL740-9

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LN-20020	31Y2-11800
CHANGZHOU #0939-	31LN-20020C	31Y2-11800
SHPAC #0939-	31LN-20020E	XKCC-02828
Boom cylinder (right)	31LN-20030	31Y2-11800
CHANGZHOU #0939-	31LN-20030C	31Y2-11800
SHPAC #0939-	31LN-20030E	XKCC-02828
Bucket cylinder (STD) -#0701	31LN-20011	31Y2-11980
-#0898	31LN-20012	31Y2-11980
#0899-	31LN-20013	31Y2-11980
CHANGZHOU #0939-	31LN-20013C	31Y2-11980
SHPAC #0939-	31LN-20013E	XKCC-02843
Bucket cylinder (XTD) -#0701	31LN-20530	31Y2-11980
-#0898	31LN-20531	31Y2-11980
#0899-	31LN-20532	31Y2-11980
CHANGZHOU #0939-	31LN-20532C	31Y2-11980
SHPAC #0939-	31LN-20532E	XKCC-02843
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422

※ The part numbers are only reference.

HL740-9

Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		-#0867 #0868-	11NA-71041 11QA-71040	500 500
Hydraulic	Return	-#0568 #0569-	31LH-60070 31LH-60071	1000 1000
	Pilot		31LM-10310	1000
	Air breather		31EE-02110	250
	Brake	-#0867	31LM-40090	1000
	Air cleaner	Inner Outer	11Q8-20310 11Q8-20320	As required * ¹ 500 (clean)
Air conditioner	Inner Outer -#0430 #0431-	11N6-90770 71LB-00290 71LM-00290	As required * ¹ 250 (clean) * ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
Hydraulic oil	Tank	151 (39.8)	* ¹ 2000 * ² 5000
	System	184 (48.6)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		21.8/21.8 (5.8/5.8)	1000
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LM-00320	-#0925
	61LM-00321	#0926-
Cutting edge (center)	61LN-00311	-#0925
	61LN-00312	#0926-

※ The part numbers are only reference.

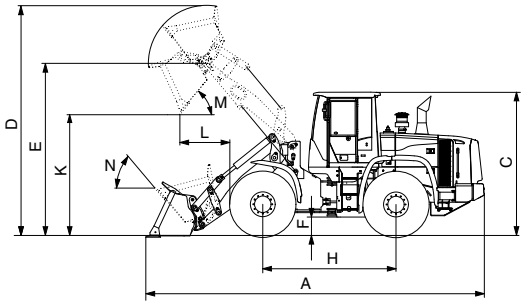
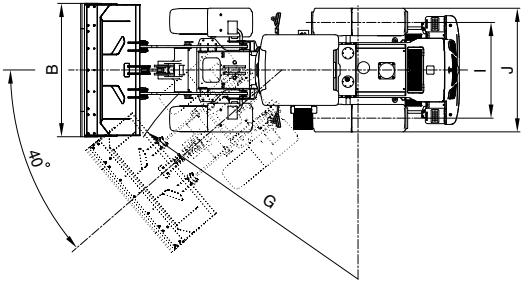
HL740TM-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.6 (27780)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7660 (25' 2")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5260 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3980 (13' 1")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Gross)	hp/rpm	145/2100
	Maximum torque (at 1400 rpm)	kgf-m (lbf-ft)	69 (499)
	Displacement	cc (cu in)	6730 (409)
Performance	Travel speed - Forward 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	23.8 (14.8)
	4th	km/h (mph)	39.0 (24.3)
	Travel speed - Reverse 1st	km/h (mph)	7.1 (4.4)
	2nd	km/h (mph)	12.9 (8.0)
	3rd	km/h (mph)	25.1 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	10830 (23880)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1330 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.6	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740TM-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	155 (40.9)
Fan + Brake pump	Capacity	cc/rev	9.1+9.1
	Rated oil flow	lpm (U.S. gpm)	19+19 (5.0+5.0)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 113/123
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-80

* : Bucket dump

HL740TM-9

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LN-20020	31Y2-11800
CHANGZHOU #0318-	31LN-20020C	31Y2-11800
SHPAC #0318-	31LN-20020E	XKCC-02828
Boom cylinder (right)	31LN-20030	31Y2-11800
CHANGZHOU #0318-	31LN-20030C	31Y2-11800
SHPAC #0318-	31LN-20030E	XKCC-02828
Bucket cylinder (left)	31LN-20610	XKCC-00140
Bucket cylinder (right)	31LN-20620	XKCC-00140
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter	-#0300	11NA-71041	500	
	#0301-	11QA-71040	500	
Hydraulic	Return	-#0188	31LH-60070	1000
		#0189-	31LH-60071	1000
	Pilot	31LM-10310	1000	
	Air breather	31EE-02110	250	
	Brake	-#0300	31LM-40090	1000
Air cleaner	Inner	11Q8-20310	As required	
	Outer	11Q8-20320	* ¹ 500 (clean)	
Air conditioner	Inner	11N6-90770	As required	
	Outer	-#0142	71LB-00290	* ¹ 250 (clean)
		#0143-	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
Hydraulic oil	Tank	151 (39.8)	* ¹ 2000 * ² 5000
	System	184 (48.6)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		21.8/21.8 (5.8/5.8)	1000
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LN-20140	-#0316
	61LN-20141	#0317-
Cutting edge (center)	61LN-20130	-#0316
	61LN-20131	#0317-

※ The part numbers are only reference.

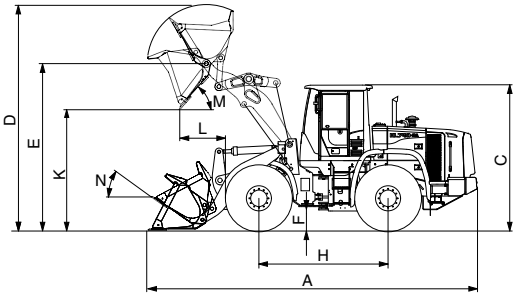
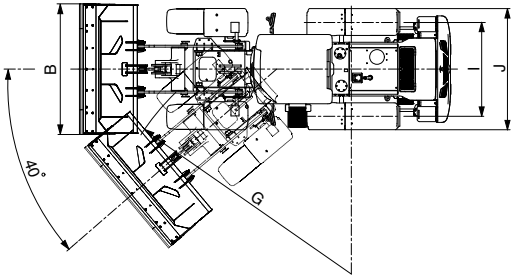
HL740-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	12.7 (28000)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7345 (24' 1")
	Overall width	B mm (ft-in)	2600 (8' 6")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5120 (16' 10")
	Overall height (bucket pivot pin)	E mm (ft-in)	3820 (12' 6")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	158/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	82 (591)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	24.1 (15.0)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	13.1 (8.1)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	11250 (24800)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	155 (40.9)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250+150 (3560+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II/3065II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-92

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LN-20020	31Y2-11800
Boom cylinder (right)	31LN-20030	31Y2-11800
Bucket cylinder (STD) -#0248	31LN-20012	31Y2-11980
#0249-	31LN-20013	31Y2-11980
Bucket cylinder (XTD) -#0248	31LN-20531	31Y2-11980
#0249-	31LN-20532	31Y2-11980
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422
Quick coupler cylinder	31LF-21501	31Y2-05920

※ The part numbers are only reference.

HL740-9A

Filter

Description		Part No.	Service interval (hr)	
Engine oil		3937736	500	
Fuel		11Q7-71010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter	-#0111	11NA-71041	500	
	#0112-	11QA-71040	500	
Hydraulic	Return	31LH-60071	1000	
	Pilot	31LM-10310	1000	
	Air breather	31EE-02110	250	
Air cleaner	Inner	11LL-45190	As required	
	Outer	-#0344	11LL-45180	* ¹ 1000 (clean)
		#0345-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required	
	Outer	71LM-00290	* ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
Hydraulic oil	Tank	130 (34.3)	* ¹ 2000 * ² 5000
	System	164 (43.3)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		24/23 (6.3/6.1)	1500
Coolant		43 (11.4)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LM-00320	
Cutting edge (center)	61LN-00311	

※ The part numbers are only reference.

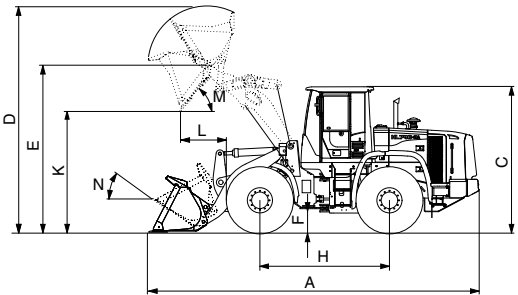
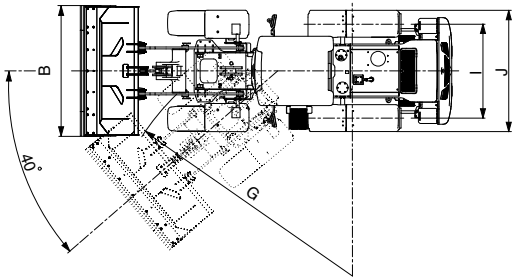
HL740TM-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.3 (29320)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7570 (24' 10")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3260 (10' 8")
	Overall height (bucket raised)	D mm (ft-in)	5260 (14' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	3980 (13' 1")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	158/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	82 (591)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	24.1 (15.0)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	13.1 (8.1)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	10830 (23880)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1330 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.6	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740TM-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	155 (40.9)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250+150 (3560+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II/3065II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-92

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LN-20020	31Y2-11800
Boom cylinder (right)	31LN-20030	31Y2-11800
Bucket cylinder(left)	31LN-20610	XKCC-00140
Bucket cylinder(right)	31LN-20620	XKCC-00140
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422
Quick coupler cylinder	31LF-21511	31Y2-05920

※ The part numbers are only reference.

HL740TM-9A

Filter

Description		Part No.	Service interval (hr)	
Engine oil		3937736	500	
Fuel		11Q7-71010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter	-#0042	11NA-71041	500	
	#0043-	11QA-71040	500	
Hydraulic	Return	31LH-60071	1000	
	Pilot	31LM-10310	1000	
	Air breather	31EE-02110	250	
Air cleaner	Inner	11LL-45190	As required	
	Outer	-#0176	11LL-45180	* ¹ 1000 (clean)
		#0177-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required	
	Outer	71LM-00290	* ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
Hydraulic oil	Tank	130 (34.3)	* ¹ 2000 * ² 5000
	System	164 (43.3)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		24/23 (6.3/6.1)	1500
Coolant		43 (11.4)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LN-20140	
Cutting edge (center)	61LN-20130	

※ The part numbers are only reference.

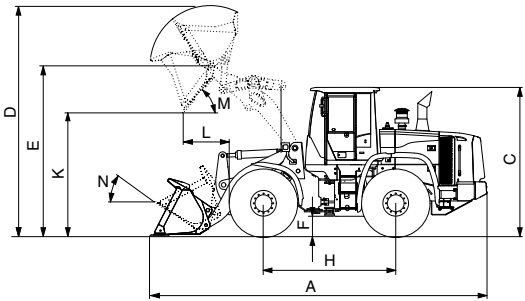
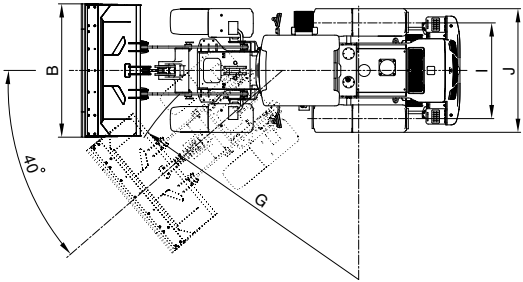
HL740-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	11.55 (25460)
	Bucket capacity	m ³ (yd ³)	2.1 (2.7)
	Overall length	A mm (ft-in)	7260 (23' 10")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3310 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5070 (16' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	3830 (12' 7")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5030 (16' 6")
	Wheel base	H mm (ft-in)	2900 (9' 6")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins 6BTA5.9
	Rated horse power (Gross)	hp/rpm	150/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	68 (493)
	Displacement	cc (cu in)	5880 (359)
Performance	Travel speed - Forward 1st (DANA/ZF)	km/h (mph)	6.9 (4.3)/7.0 (4.3)
	2nd (DANA/ZF)	km/h (mph)	12.5 (7.8)/12.8 (8.0)
	3rd (DANA/ZF)	km/h (mph)	24.1 (15.0)/24.5 (15.2)
	4th (DANA/ZF)	km/h (mph)	40.0 (24.9)
	Travel speed - Reverse 1st (DANA/ZF)	km/h (mph)	7.2 (4.5)/7.4 (4.6)
	2nd (DANA/ZF)	km/h (mph)	13.2 (8.2)/13.4 (8.3)
	3rd (DANA/ZF)	km/h (mph)	25.3 (15.7)/25.8 (16.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	11880 (26190)
	Dump clearance at 45°	K mm (ft-in)	2850 (9' 4")
	reach (full lift)	L mm (ft-in)	970 (3' 2")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.3	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL740-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	40.4+40.4
	Rated oil flow	lpm (U.S. gpm)	167 (44.2)
Fan + Brake pump	Capacity	cc/rev	9.1+9.1
	Rated oil flow	lpm (U.S. gpm)	21+21 (5.5+5.5)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Priority valve	Rated oil flow	lpm (U.S. gpm)	120 (31.7)
	Relief pressure	kgf/cm ² (psi)	-
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	DANA 113/123
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-115

HL740-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LN-21020	31Y2-03751
SHPAC #0227-	31LN-21020E	XKCC-02803
Boom cylinder (right)	31LN-21030	31Y2-03751
SHPAC #0227-	31LN-21030E	XKCC-02803
Bucket cylinder (STD)	31LN-21011	31Y2-08080
SHPAC #0227-	31LN-21011E	XKCC-02821
Bucket cylinder (XTD)	31LN-21510	31Y2-08080
SHPAC #0227-	31LN-21510E	XKCC-02821
Steering cylinder (left)	31LN-30210	XKCC-01329
Steering cylinder (right)	31LN-30220	XKCC-01329

※ The part numbers are only reference.

HL740-9S

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937743	250
Fuel		3931063	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11LF-20920	500
Hydraulic	Return -#0067	31LM-69040	250
	-#0118	31LM-69041	250
	#0119-	31LM-69042	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
Brake	-#0151	31L1-0139	250 (clean)
	#0152-	31FQ-50080	250 (clean)
Air cleaner	Inner	11N6-27030	As required
	Outer	11N6-27040	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	250
Fuel		220 (58.1)	-
Hydraulic oil	Tank	130 (34.3)	* ¹ 2000 * ² 5000
	System	164 (43.4)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		21.8/21.8 (5.8/5.8)	1000
Coolant		43 (11.4)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right) #0128-	61LD-00370BG	
Cutting edge (center) #0128-	61LF-00330BG	

※ The part numbers are only reference.

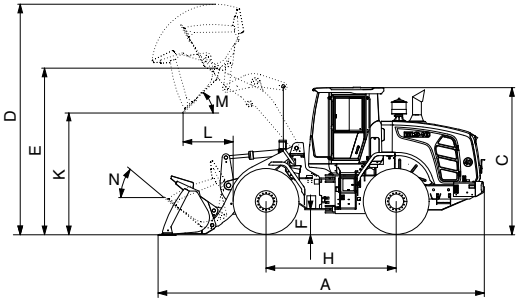
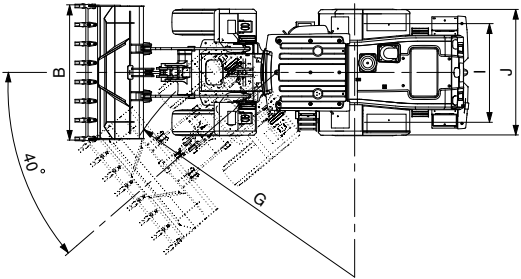
HL940

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.1 (28880)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7430 (24' 5")
	Overall width	B mm (ft-in)	2600 (8' 6")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5255 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3820 (12' 6")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5070 (16' 8")
	Wheel base	H mm (ft-in)	2950 (9' 8")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	158/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	86 (622)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	24.9 (15.5)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	13.4 (8.3)
	3rd	km/h (mph)	26.1 (16.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	11250 (24800)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	149 (39.4)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	bar	250 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-120

*Bucket dump

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Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WB-20011	31Y2-11800
CHANGZHOU #0470-	31WB-20011C	31Y2-11800
SHPAC #0470-	31WB-20011E	XKCC-02882
Boom cylinder (right)	31WB-20021	31Y2-11800
CHANGZHOU #0470-	31WB-20021C	31Y2-11800
SHPAC #0470-	31WB-20021E	XKCC-02882
Bucket cylinder (STD)	31WB-20042	31Y2-11980
CHANGZHOU #0470-	31WB-20042C	31Y2-11980
SHPAC #0470-	31WB-20042E	XKCC-02843
Bucket cylinder (XT)	31WB-20542	31Y2-11980
#0366	31WB-20542	31Y2-11980
#0367-	31WB-20570	31Y2-11980
(XTD) CHANGZHOU #0470-	31WB-20570C	31Y2-11980
(XTD) SHPAC #0470-	31WB-20570E	XKCC-02843
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required
	Outer #0004	11LL-45180	* ¹ 1000 (clean)
	#0005-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 1000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
DEF/AdBlue®		18 (4.7)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ 2000 * ² 5000
	System	130 (34.3)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		24/24 (6.3/6.3)	1500
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61WB-00920	-#0304
	61WB-00921	#0305-
Cutting edge (center)	61LN-00311	-#0304
	61LN-00312	#0305-

※ The part numbers are only reference.

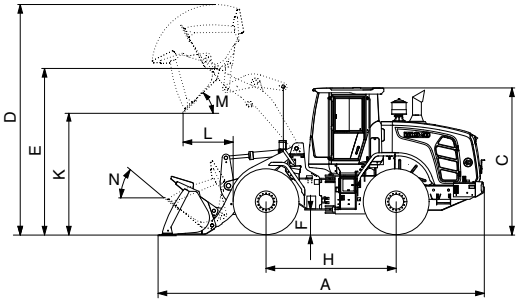
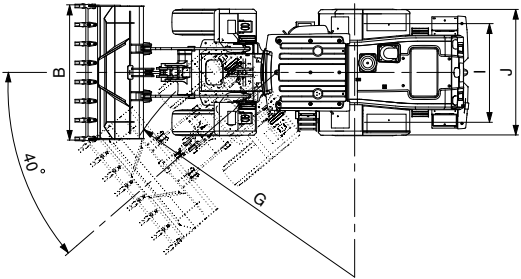
HL940 TM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.6 (29980)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7715 (25' 3")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3300 (10' 9")
	Overall height (bucket raised)	D mm (ft-in)	5260 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3980 (13' 1")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5070 (16' 8")
	Wheel base	H mm (ft-in)	2950 (9' 8")
	Tread	I mm (ft-in)	1900 (6' 3")
	Width of tires	J mm (ft-in)	2430 (8' 0")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	158/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	86 (622)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	24.9 (15.5)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	13.4 (8.3)
	3rd	km/h (mph)	26.1 (16.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	10830 (23880)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 3")
	reach (full lift)	L mm (ft-in)	1330 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.6	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	149 (39.4)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	bar	250 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Steering unit	Capacity	cc/rev	630
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	55 (800)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-120

*Bucket dump

HL940 TM

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WB-20011	31Y2-11800
CHANGZHOU #0150-	31WB-20011C	31Y2-11800
SHPAC #0150-	31WB-20011E	XKCC-02882
Boom cylinder (right)	31WB-20021	31Y2-11800
CHANGZHOU #0150-	31WB-20021C	31Y2-11800
SHPAC #0150-	31WB-20021E	XKCC-02882
Bucket cylinder (left)	31WB-20610	XKCC-00140
Bucket cylinder (right)	31WB-20620	XKCC-00140
Steering cylinder (left)	31LN-30020	XKCC-01422
Steering cylinder (right)	31LN-30030	XKCC-01422
Quick coupler cylinder	31LF-21511	31Y2-05920

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		220 (58.1)	-
DEF/AdBlue®		18 (4.8)	-
Hydraulic oil	Tank System	90 (23.7)	* ¹ 2000 * ² 5000
		130 (34.3)	-
Transmission		25 (6.6)	1000
Axle (front / rear)		24/24 (6.3/6.3)	1500
Coolant		34 (9.0)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LN-20140	-#0068
	61LN-20141	#0069-
Cutting edge (center)	61LN-20130	-#0068
	61LN-20131	#0069-

※ The part numbers are only reference.

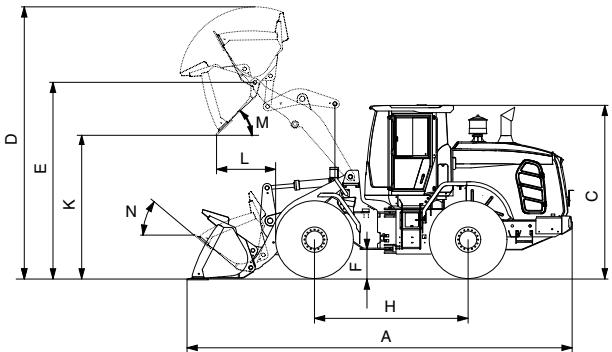
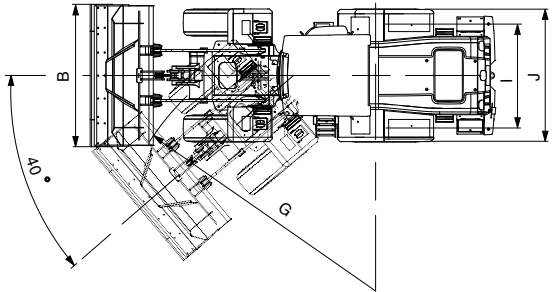
HL940A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.4 (29540)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7600 (24' 11")
	Overall width	B mm (ft-in)	2600 (8' 6")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5185 (17' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3820 (12' 6")
	Ground clearance	F mm (ft-in)	432 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5190 (17' 0")
	Wheel base	H mm (ft-in)	3000 (9' 10")
	Tread	I mm (ft-in)	1930 (6' 4")
	Width of tires	J mm (ft-in)	2450 (8' 0")
Engine	Model	-	Cummins B6.7
	Rated horse power (Gross)	hp/rpm	156/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	76 (550)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.8 (7.9)
	3rd	km/h (mph)	25.2 (15.6)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	13.5 (8.4)
	3rd	km/h (mph)	26.5 (16.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	11800 (26015)
	Dump clearance at 45°	K mm (ft-in)	2765 (9' 1")
	reach (full lift)	L mm (ft-in)	1095 (3' 7")
	angle	M degree	48
	Roll back angle (carry position)	N degree	47
	Lift (with load)	sec	5.5
Lower (empty)	sec	3.0	
Dump (with load)	sec	1.1	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL940A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	149 (39.4)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	bar	250 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	462
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	55 (800)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	3 (43)
Axle	Model	-	ZF MT-L3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-120

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31WB-20011EGG	XKCC-02882
	RH	31WB-20021EGG	XKCC-02882
Boom cylinder* ²	LH	31WB-20011CGG	31Y2-11800
	RH	31WB-20021CGG	31Y2-11800
Bucket cylinder* ¹		35WB-20041EGG	XKCC-04215
Bucket cylinder* ²		35WB-20041CGG	3C89-00040
Steering cylinder	LH	31LN-30020	XKCC-01422
	RH	31LN-30030	XKCC-01422

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-71040	1000
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	15WC-65080	2000
	Supply module	YUBP-12343	4500
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	800
Fuel		220 (58.1)	-
DEF/AdBlue®		30 (7.9)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ * ² 2000 * ³ 5000
	System	130 (34.3)	-
Transmission		34.7 (9.2)	1000
Axle (front / rear)		23/23 (6.1/6.1)	1500
Coolant		37 (9.8)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61WB-00921	
Cutting edge (center)	61LN-00312	

※ The part numbers are only reference.

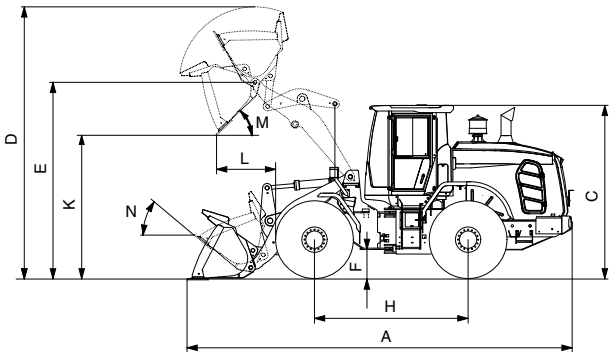
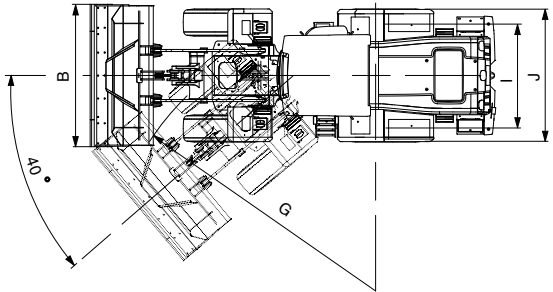
HL940A TM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.8 (29540)
	Bucket capacity	m ³ (yd ³)	2.3 (3.0)
	Overall length	A mm (ft-in)	7805 (25' 7")
	Overall width	B mm (ft-in)	2550 (8' 4")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5265 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3980 (13' 1")
	Ground clearance	F mm (ft-in)	417 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5190 (17' 0")
	Wheel base	H mm (ft-in)	3000 (9' 10")
	Tread	I mm (ft-in)	1930 (6' 4")
	Width of tires	J mm (ft-in)	2450 (8' 0")
Engine	Model	-	Cummins B6.7
	Rated horse power (Gross)	hp/rpm	156/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	76 (550)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.8 (7.9)
	3rd	km/h (mph)	25.1 (15.6)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	13.5 (8.4)
	3rd	km/h (mph)	26.4 (16.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	10830 (23880)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 3")
	reach (full lift)	L mm (ft-in)	1380 (4' 6")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Lift (with load)	sec	5.5
Lower (empty)	sec	3.9	
Dump (with load)	sec	1.9	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL940A TM

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74
	Rated oil flow	lpm (U.S. gpm)	149 (39.4)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	bar	250 / 150
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	462
	Relief pressure	kgf/cm ² (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	55 (800)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	3 (43)
Axle	Model	-	ZF MT-L3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-120

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31LP-20110EGG	XKCC-02755
	RH	31LP-20120EGG	XKCC-02755
Bucket cylinder	LH	31LP-20300	XKCC-00631
	RH	31LP-20310	XKCC-00631
Steering cylinder	LH	31LP-30020	XKCC-00551
	RH	31LP-30030	XKCC-00551
Quick coupler cylinder* ¹		63WC-91540	XKCC-00731

※ The part numbers are only reference.

*¹ SHPAC

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-71040	1000
Hydraulic	Return	31LH-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	15WC-65080	2000
	Supply module	YUBP-12343	4500
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	800
Fuel		220 (58.1)	-
DEF/AdBlue®		30 (7.9)	-
Hydraulic oil	Tank	90 (23.7)	* ¹ * ² 2000 * ³ 5000
	System	130 (34.3)	-
Transmission		34.7 (9.2)	1000
Axle (front / rear)		23/23 (6.1/6.1)	1500
Coolant		37 (9.8)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LN-20141	
Cutting edge (center)	61LN-20131	

※ The part numbers are only reference.

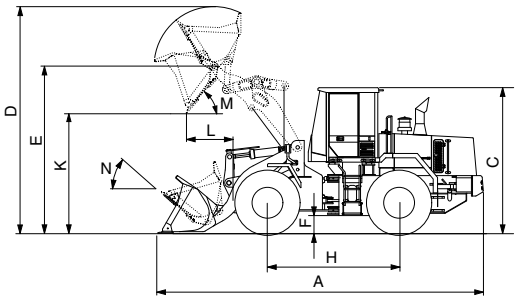
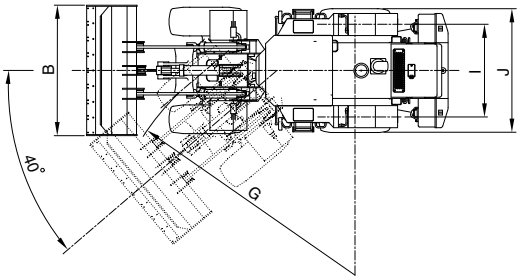
HL757-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.8 (30420)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7450 (24' 5")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3910 (12' 10")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3030 (9' 11")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	175/2200
Maximum torque (at 1500 rpm)		kgf-m (lbf-ft)	82 (590)
Displacement		cc (cu in)	5880 (359)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.7 (14.7)
	4th	km/h (mph)	37.0 (23.0)
	Travel speed - Reverse 1st	km/h (mph)	7.8 (4.9)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	25.0 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	12720 (28040)
	Dump clearance at 45°	K mm (ft-in)	2860 (9' 5")
	reach (full lift)	L mm (ft-in)	1040 (3' 5")
	angle	M degree	47
	Roll back angle (carry position)	N degree	46
	Boom raise	sec	5.9
	lower	sec	3.0
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	51+51
	Rated oil flow	lpm (U.S. gpm)	220 (58.1)
Fan + Brake pump	Capacity	cc/rev	19+9.5
	Rated oil flow	lpm (U.S. gpm)	40+20 (10.6+5.3)
	Operating pressure	kgf/cm ² (psi)	115+150 (1640+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	Volvo LF14/LR14
	Differential type (front)	-	Torque proportioning
	Differential type (rear)	-	Torque proportioning
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-160

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LD-20011	31Y2-06260
Boom cylinder (right)	31LD-20021	31Y2-06260
Bucket cylinder (STD)	31LD-20031	31Y2-07430
Bucket cylinder (XTD)	31LD-20160	31Y2-07430
Steering cylinder (left)	31LD-30030	31Y2-07590
Steering cylinder (right)	31LD-30040	31Y2-07590

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11E1-70140	500
Fuel		11LD-70010	500
Transmission oil	-#1425	ZGAQ-00001	1000
	#1426-	ZGAQ-02400	1000
Prefilter	-#0395	3964300	500
	#0396-	11LD-20250	500
Hydraulic	Return	34L3-00341	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		295 (78.0)	-
Hydraulic oil	Tank	130 (34.3)	* ¹ 2000 * ² 5000
	System	175 (46.2)	-
Transmission		43 (11.4)	1000
Axle (front / rear)	VOLVO, -#1274	29/29 (7.7/7.7)	1500
	ZF, #1275-	29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170/BG	-#1210/#1211-
Tooth (right)	61L3-0171/BG	-#1210/#1211-
Tooth (center)	61L3-0169/BG	-#1210/#1211-
Cutting edge (left, right)	61LD-00370/BG	-#1210/#1211-
Cutting edge (center)	61LD-00360/BG	-#1210/#1211-

※ The part numbers are only reference.

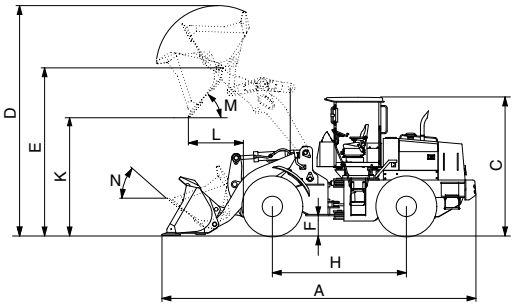
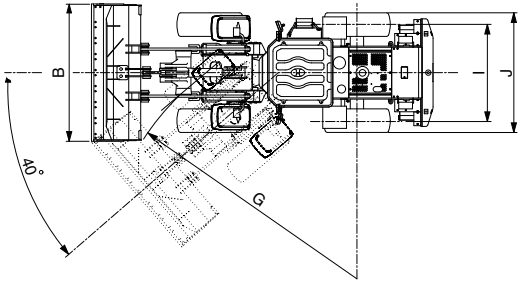
HL757-7S

Specification

Item		Unit	Specification
Dimension	Operating weight (canopy/cap)	ton (lb)	13 / 13.18 (28600 / 29100)
	Bucket capacity	m ³ (yd ³)	2.6 (3.4)
	Overall length	A mm (ft-in)	7450 (24' 5")
	Overall width	B mm (ft-in)	2740 (8' 0")
	Overall height	C mm (ft-in)	3385 (11' 1")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3910 (12' 10")
	Ground clearance	F mm (ft-in)	425 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3030 (9' 11")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins 6BTA5.9
	Rated horse power (Gross)	ps/rpm	167/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	71 (512)
	Displacement	cc (cu in)	5900 (360)
Performance	Travel speed - Forward 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	22.8 (14.2)
	4th	km/h (mph)	36.8 (22.9)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	23.9 (14.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	12720 (28040)
	Dump clearance at 45°	K mm (ft-in)	2775 (9' 1")
	reach (full lift)	L mm (ft-in)	1140 (3' 9")
	angle	M degree	47
	Roll back angle (carry position)	N degree	41
	Boom raise	sec	6.1
lower	sec	3.0	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-7S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	57+48
	Rated oil flow	lpm (U.S. gpm)	125+106 (33+28)
Brake pump	Capacity	cc/rev	12
	Rated oil flow	lpm (U.S. gpm)	26 (6.9)
	Operating pressure	kgf/cm ² (psi)	180 (2560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG160
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LD-20011	31Y2-06260
Boom cylinder (right)	31LD-20021	31Y2-06260
Bucket cylinder	31LD-29030	31Y2-07430
Steering cylinder (left)	31LD-39012	XKCC-00748
Steering cylinder (right)	31LD-39022	XKCC-00748

※ The part numbers are only reference.

HL757-7S

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937743	500
Fuel		3931063	500
Transmission oil		ZGAQ-02400	1000
Prefilter		FS1242	500
Hydraulic	Return	31LC-69040	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner (opt)	11N6-90770	As required
	Outer (cab, opt)	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16.3 (4.3)	500
Fuel		233 (61)	-
Hydraulic oil	Tank	130 (34.3)	* ¹ 2000 * ² 5000
	System	175 (46)	-
Transmission		26 (6.9)	1000
Axle (front / rear)		24/24 (6.3/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170BG	
Tooth (right)	61L3-0171BG	
Tooth (center)	61L3-0169BG	
Cutting edge (left, right)	61LD-00370BG	
Cutting edge (center)	61LD-00360BG	

※ The part numbers are only reference.

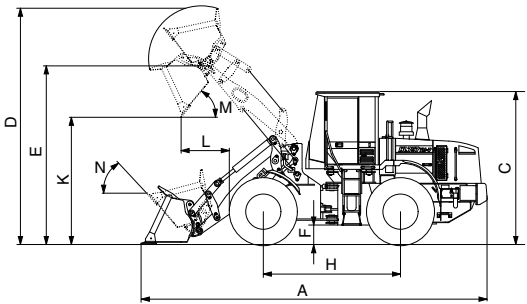
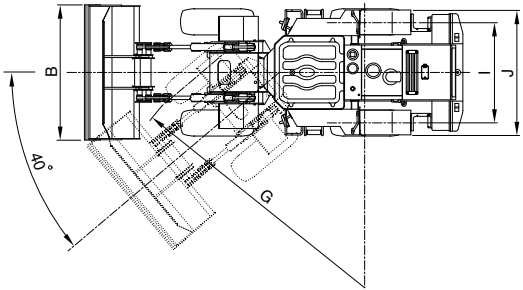
HL757TM-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	14.3 (31530)
	Bucket capacity	m ³ (yd ³)	2.5 (3.3)
	Overall length	A mm (ft-in)	7670 (25' 2")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5330 (17' 6")
	Overall height (bucket pivot pin)	E mm (ft-in)	4020 (13' 2")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3030 (9' 11")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	175/2200
Maximum torque (at 1500 rpm)		kgf·m (lbf·ft)	82 (590)
Displacement		cc (cu in)	5880 (359)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.7 (14.7)
	4th	km/h (mph)	37.0 (23.0)
	Travel speed - Reverse 1st	km/h (mph)	7.8 (4.9)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	25.0 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	13020 (28700)
	Dump clearance at 45°	K mm (ft-in)	2900 (9' 6")
	reach (full lift)	L mm (ft-in)	1280 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.9
lower	sec	3.0	
Bucket dump	sec	2.5	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757TM-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	51+51
	Rated oil flow	lpm (U.S. gpm)	220 (58.1)
Fan + Brake pump	Capacity	cc/rev	19+9.5
	Rated oil flow	lpm (U.S. gpm)	40+20 (10.6+5.3)
	Operating pressure	kgf/cm ² (psi)	115+150 (1640+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410) *120 (1710)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	Volvo LF14/LR14
	Differential type (front)	-	Torque proportioning
	Differential type (rear)	-	Torque proportioning
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-160

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LD-20011	31Y2-06260
Boom cylinder (right)	31LD-20021	31Y2-06260
Bucket cylinder (left)	31LD-20170	31Y2-06251
Bucket cylinder (right)	31LD-20180	31Y2-06251
Steering cylinder (left)	31LD-30030	31Y2-07590
Steering cylinder (right)	31LD-30040	31Y2-07590

※ The part numbers are only reference.

HL757TM-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11E1-70140	500
Fuel		11LD-70010	500
Transmission oil	-#0116	ZGAQ-00001	1000
	#0117-	ZGAQ-02400	1000
Prefilter	-#0007	3908633	500
	#0008-	11LD-20250	500
Hydraulic	Return	34L3-00341	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11EM-21051	As required
	Outer	11EM-21041	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		295 (78.0)	-
Hydraulic oil	Tank	130 (34.4)	* ¹ 2000 * ² 5000
	System	175 (46)	-
Transmission		43 (11.4)	1000
Axle (front / rear)	VOLVO, -#0114	29/29 (7.7/7.7)	1500
	ZF, #0115-	29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LD-20180	
Cutting edge (center)	61LD-20170	

※ The part numbers are only reference.

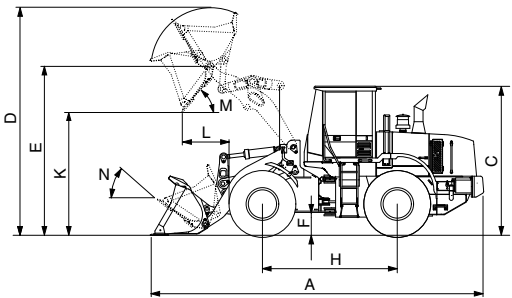
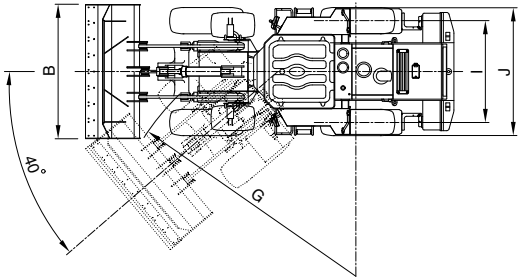
HL757-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	14.5 (31970)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7450 (24' 5")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3910 (12' 10")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3030 (9' 11")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	173/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	83 (600)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.4)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	22.9 (14.3)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.9 (14.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	12720 (28040)
	Dump clearance at 45°	K mm (ft-in)	2860 (9' 5")
	reach (full lift)	L mm (ft-in)	1040 (3' 5")
	angle	M degree	47
	Roll back angle (carry position)	N degree	46
	Boom raise	sec	5.9
lower	sec	3.0	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	56+56
	Rated oil flow	lpm (U.S. gpm)	230 (60.8)
Fan + Brake pump	Capacity	cc/rev	19+11.9
	Rated oil flow	lpm (U.S. gpm)	39+24 (10.3+6.3)
	Operating pressure	kgf/cm ² (psi)	115+180 (1640+2560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085/3075
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-160

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LD-20011	31Y2-06260
Boom cylinder (right)	31LD-20021	31Y2-06260
Bucket cylinder (STD)	31LD-20420	31Y2-07430
Bucket cylinder (XTD)	31LD-20430	31Y2-07430
Steering cylinder (left)	31LD-30110	31Y2-10430
Steering cylinder (right)	31LD-30120	31Y2-10430

※ The part numbers are only reference.

HL757-7A

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0407	11NA-71040	500
	#0408-	11NA-71041	500
Hydraulic	Return -#0017	31LD-60290	250
	-#0837/#0838-	31LD-60070/71	1000
	Pilot -#0017	31E3-0018	250
	#0018-	31MH-20320	1000
	Air abreather	31EE-02110	250
Brake		31L1-0139	250 (clean)
Air cleaner	Inner	11N8-22150	As required
	Outer	11N8-22140	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		295 (78.0)	-
Hydraulic oil	Tank	125 (33.0)	* ¹ 2000 * ² 5000
	System	175 (46.2)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170BG	
Tooth (right)	61L3-0171BG	
Tooth (center)	61L3-0169BG	
Cutting edge (left, right)	61LD-00370BG	
Cutting edge (center)	61LD-00360BG	

※ The part numbers are only reference.

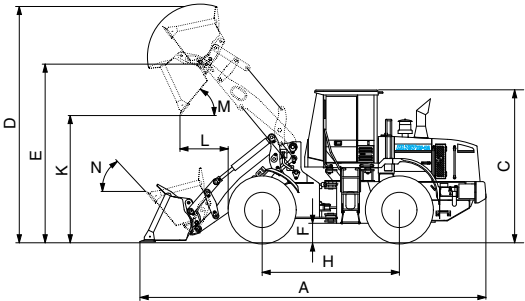
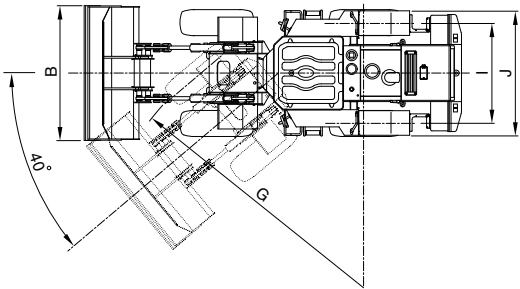
HL757TM-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.0 (33070)
	Bucket capacity	m ³ (yd ³)	2.5 (3.3)
	Overall length	A mm (ft-in)	7670 (25' 2")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3300 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5330 (17' 5")
	Overall height (bucket pivot pin)	E mm (ft-in)	4020 (13' 2")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3030 (9' 11")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	173/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	83 (600)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.4)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	22.9 (14.3)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	23.9 (14.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	13020 (28700)
	Dump clearance at 45°	K mm (ft-in)	2900 (9' 6")
	reach (full lift)	L mm (ft-in)	1280 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.9
lower	sec	3.0	
Bucket dump	sec	1.7	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	56+56
	Rated oil flow	lpm (U.S. gpm)	230 (60.8)
Fan + Brake pump	Capacity	cc/rev	19+11.9
	Rated oil flow	lpm (U.S. gpm)	39+24 (10.3+6.3)
	Operating pressure	kgf/cm ² (psi)	115+180 (1640+2560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410) *120 (1710)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085/3075
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-160

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LD-20011	31Y2-06260
Boom cylinder (right)	31LD-20021	31Y2-06260
Bucket cylinder (left)	31LD-20490	31Y2-06251
Bucket cylinder (right)	31LD-20500	31Y2-06251
Steering cylinder (left)	31LD-30110	31Y2-10430
Steering cylinder (right)	31LD-30120	31Y2-10430

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0049	11NA-71040	500
	#0050-	11NA-71041	500
Hydraulic	Return -#0058	31LD-60070	1000
	#0059-	31LD-60071	1000
	Pilot	31MH-20320	1000
	Air abreather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11N8-22150	As required
	Outer	11N8-22140	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		295 (78.0)	-
Hydraulic oil	Tank	125 (33)	* ¹ 2000 * ² 5000
	System	175 (46)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LD-20180BG	
Cutting edge (center)	61LD-20170BG	

※ The part numbers are only reference.

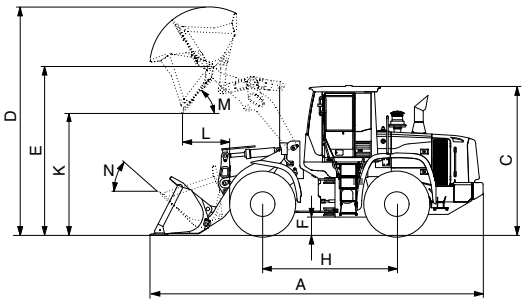
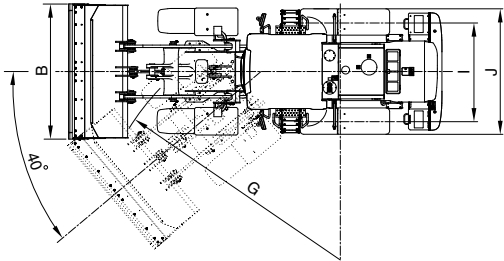
HL757-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	14.5 (32000)
	Bucket capacity	m ³ (yd ³)	2.8 (3.7)
	Overall length	A mm (ft-in)	7580 (24' 10")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3310 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3920 (12' 10")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5320 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Gross)	hp/rpm	173/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	83 (600)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	37.7 (23.5)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	24.2 (15)
	Gradeability	degree	30
	Breakout force	kg (lb)	12530 (27624)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1070 (3' 6")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.9
lower	sec	3.8	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	50+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8)
Fan + Brake pump	Capacity	cc/rev	19.4+11.9
	Rated oil flow	lpm (U.S. gpm)	41+25 (10.8+6.6)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085II/3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-130

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Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-20010	31Y2-10700
CHANGZHOU #0903-	31LM-20010C	31Y2-10700
SHPAC #0903-	31LM-20010E	XKCC-02923
Boom cylinder (right)	31LM-20020	31Y2-10700
CHANGZHOU #0903-	31LM-20020C	31Y2-10700
SHPAC #0903-	31LM-20020E	XKCC-02923
Bucket cylinder (STD) -#0638	31LM-20031	31Y2-10880
-#0823	31LM-20032	31Y2-10880
#0824-	31LM-20033	31Y2-10880
SHPAC #0903-	31LM-20033E	31Y2-11240
Bucket cylinder (XTD) -#0638	31LM-20530	31Y2-10880
-#0823	31LM-20590	31Y2-10880
#0824-	31LM-20591	31Y2-10880
Steering cylinder (left)	31LM-30010	XKCC-00170
Steering cylinder (right)	31LM-30020	XKCC-00170

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter		-#0783 11NA-71041	500
		-#0824 11QA-71040	500
Hydraulic	Return	-#0497 31LD-60070	1000
		#0498- 31LD-60071	1000
	Pilot	31LM-10310	1000
	Air abreather	31EE-02110	250
	Brake	-#0783 31LM-40090	1000
Air cleaner	Inner	11Q8-20310	As required
	Outer	11Q8-20320	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	-#0358 71LB-00290	* ¹ 250 (clean)
		#0359- 71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		294 (77.6)	-
Hydraulic oil	Tank	155 (40.9)	* ¹ 2000 * ² 5000
	System	215 (56.8)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LM-00320	-#0876
	61LM-00321	#0877-
Cutting edge (center)	61LM-00310	-#0876
	61LM-00311	#0877-

※ The part numbers are only reference.

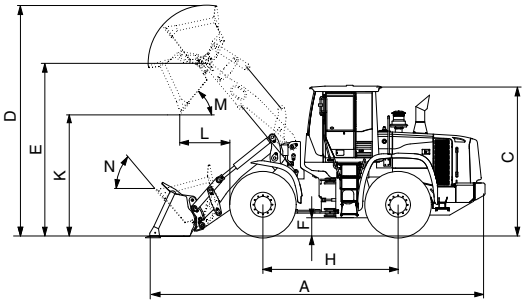
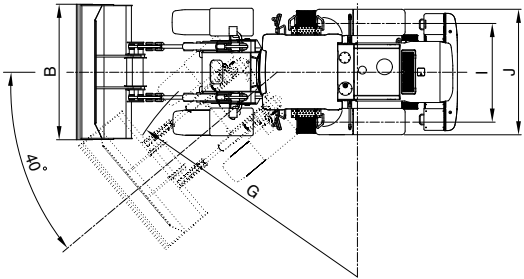
HL757TM-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.0 (33070)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7780 (25' 6")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3310 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5410 (17' 9")
	Overall height (bucket pivot pin)	E mm (ft-in)	4010 (13' 2")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5320 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Gross)	hp/rpm	173/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	83 (600)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	37.7 (23.4)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	24.2 (15)
	Gradeability	degree	30
	Breakout force	kg (lb)	12530 (27624)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1315 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.9
lower	sec	3.8	
Bucket dump	sec	1.6	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757TM-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	50+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8)
Fan + Brake pump	Capacity	cc/rev	19.4+11.9
	Rated oil flow	lpm (U.S. gpm)	41+25 (10.8+6.6)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085 II/3075 II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-130

* : Bucket dump

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Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-20010	31Y2-10700
SHPAC #0278-	31LM-20010E	XKCC-02923
Boom cylinder (right)	31LM-20020	31Y2-10700
SHPAC #0278-	31LM-20020E	XKCC-02923
Bucket cylinder (left)	31LM-20490	XKCC-00283
Bucket cylinder (right)	31LM-20500	XKCC-00283
Steering cylinder (left)	31LM-30010	XKCC-00170
Steering cylinder (right)	31LM-30020	XKCC-00170

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)	
Engine oil		11N8-70110	500	
Fuel		11LG-70010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		-#0266 #0267-	500 500	
Hydraulic	Return	-#0136 #0137-	31LD-60070 31LD-60071	1000 1000
	Pilot		31LM-10310	1000
	Air abreather		31EE-02110	250
	Brake	-#0266	31LM-40090	1000
	Air cleaner	Inner Outer	11Q8-20310 11Q8-20320	As required * ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required	
	Outer	-#0091 #0092-	71LB-00290 71LM-00290	* ¹ 250 (clean) * ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		294 (77.6)	-
Hydraulic oil	Tank	155 (40.9)	* ¹ 2000 * ² 5000
	System	215 (56.8)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		29/24 (7.7/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LM-20220	
Cutting edge (center)	61LM-20210	

※ The part numbers are only reference.

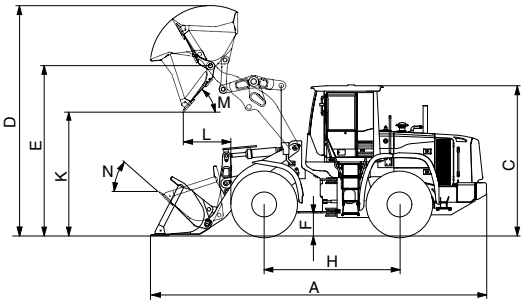
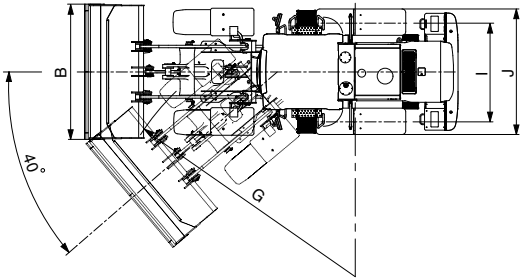
HL757-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	14.7 (32400)
	Bucket capacity	m ³ (yd ³)	2.8 (3.7)
	Overall length	A mm (ft-in)	7580 (24' 10")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3310 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3920 (12' 10")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5320 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	200/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	94.7 (685)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	38.5 (24.0)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.3 (15.1)
	Gradeability	degree	30
	Breakout force	kg (lb)	12530 (27620)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1070 (3' 6")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.9
lower	sec	3.8	
Bucket dump	sec	1.1	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	50+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	59 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085II/3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-130

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-20010	31Y2-10700
Boom cylinder (right)	31LM-20020	31Y2-10700
Bucket cylinder (STD) -#0002	31LM-20031	31Y2-10880
-#0247	31LM-20032	31Y2-10880
#0248-	31LM-20033	31Y2-10880
Bucket cylinder (XTD) -#0002	31LM-20530	31Y2-10880
-#0247	31LM-20590	31Y2-10880
#0248-	31LM-20591	31Y2-10880
Steering cylinder (left)	31LM-30010	XKCC-00170
Steering cylinder (right)	31LM-30020	XKCC-00170

※ The part numbers are only reference.

HL757-9A

Filter

Description		Part No.	Service interval (hr)	
Engine oil		3937736	500	
Fuel		11Q7-71010	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		-#0096	11NA-71041	500
		#0097-	11QA-71040	500
Hydraulic	Return	31N8-01511	1000	
	Pilot	31LM-10310	1000	
	Air abreather	31EE-02110	250	
Air cleaner	Inner	11LL-45190	As required	
	Outer	11LL-45181	* ¹ 1000 (clean)	
Air conditioner	Inner	11N6-90770	As required	
	Outer	71LM-00290	* ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		294 (77.6)	-
Hydraulic oil	Tank	137 (36.2)	* ¹ 2000 * ² 5000
	System	202 (53.4)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		46 (12.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LM-00320	
Cutting edge (center)	61LM-00310	

※ The part numbers are only reference.

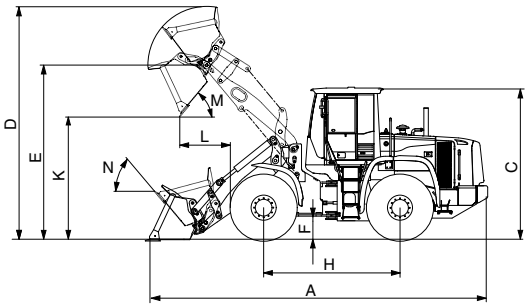
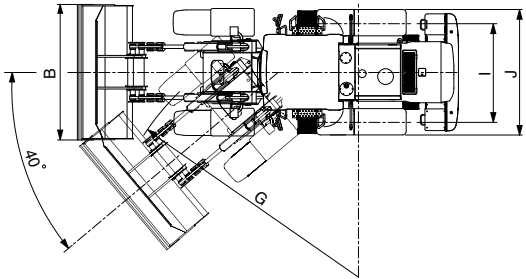
HL757TM-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.2 (33500)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7780 (25' 6")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3310 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5410 (17' 9")
	Overall height (bucket pivot pin)	E mm (ft-in)	4010 (13' 2")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5320 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	hp/rpm	200/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	94.7 (685)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	38.5 (23.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.3 (15.1)
	Gradeability	degree	30
	Breakout force	kg (lb)	12800 (28220)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1315 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.9
lower	sec	3.7	
Bucket dump	sec	1.8	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757TM-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	50+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	59 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085 II/3075 II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-130

* : Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-20010	31Y2-10700
Boom cylinder (right)	31LM-20020	31Y2-10700
Bucket cylinder (left)	31LM-20490	XKCC-00283
Bucket cylinder (right)	31LM-20500	XKCC-00283
Steering cylinder (left)	31LM-30010	XKCC-00170
Steering cylinder (right)	31LM-30020	XKCC-00170
Quick coupler cylinder	61LM-90090	31Y2-05920

※ The part numbers are only reference.

HL757TM-9A

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		11Q7-71010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0038	11NA-71041	500
	#0039-	11QA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air abreather	31EE-02110	250
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		294 (77.6)	-
Hydraulic oil	Tank	137 (36.2)	* ¹ 2000 * ² 5000
	System	202 (53.4)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		46 (12.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LM-20220	
Cutting edge (center)	61LM-20210	

※ The part numbers are only reference.

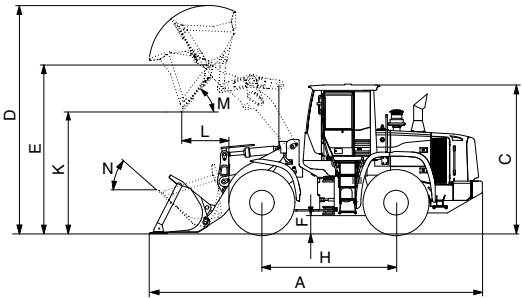
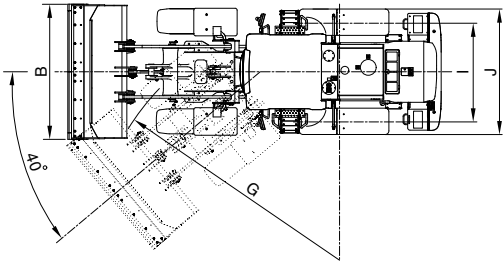
HL757-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	14.0 (30860)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7540 (24' 9")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3400 (11' 2")
	Overall height (bucket raised)	D mm (ft-in)	5250 (17' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	3910 (12' 10")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050(6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Net)	hp/rpm	170/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	82 (593)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	22.7 (14.1)
	4th	km/h (mph)	35.8 (22.2)
	Travel speed - Reverse 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	23.8 (14.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	12720 (28040)
	Dump clearance at 45°	K mm (ft-in)	2860 (9' 5")
	reach (full lift)	L mm (ft-in)	1040 (3' 5")
	angle	M degree	47
	Roll back angle (carry position)	N degree	46
	Boom raise	sec	6.0
lower	sec	3.1	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	56+56
	Rated oil flow	lpm (U.S. gpm)	225 (59.4)
Fan + Brake pump	Capacity	cc/rev	19.4+11.9
	Rated oil flow	lpm (U.S. gpm)	39+24 (10.3+6.3)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085II/3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-160

HL757-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-21010	31Y2-06260
CHANGZHOU #0255-	31LM-21010C	31Y2-06260
SHPAC #0255-	31LM-21010E	XKCC-02894
Boom cylinder (right)	31LM-21020	31Y2-06260
CHANGZHOU #0255-	31LM-21020C	31Y2-06260
SHPAC #0255-	31LM-21020E	XKCC-02894
Bucket cylinder (STD)	31LM-21031	31Y2-07430
CHANGZHOU #0255-	31LM-21031C	31Y2-07430
SHPAC #0255-	31LM-21031E	XKCC-02911
Bucket cylinder (XTD)	31LM-21530	31Y2-07430
SHPAC #0255-	31LM-21530E	XKCC-02911
Steering cylinder (left)	31LM-31011	31Y2-10430
Steering cylinder (right)	31LM-31021	31Y2-10430

※ The part numbers are only reference.

HL757-9S

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0142	11NA-71041	500
	#0143-	11QA-71040	500
Hydraulic	Return -#0091	31LM-69040	250
	-#0152	31LM-69041	250
	#0153-	31LM-69042	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake -#0199	31L1-0139	250 (clean)
	#0200-	31FQ-50080	250 (clean)
Air cleaner	Inner	11Q8-20310	As required
	Outer	11Q8-20320	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		246 (65)	-
Hydraulic oil	Tank	155 (40.9)	* ¹ 2000 * ² 5000
	System	235 (62.1)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		35 (9.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LD-00370GG	
Cutting edge (center)	61LD-00360GG	

※ The part numbers are only reference.

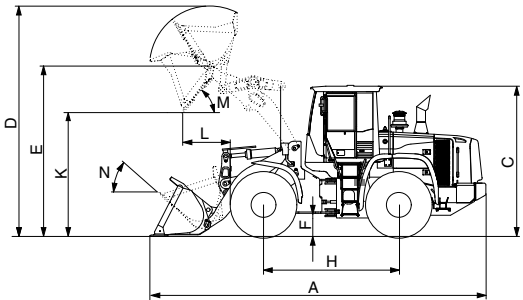
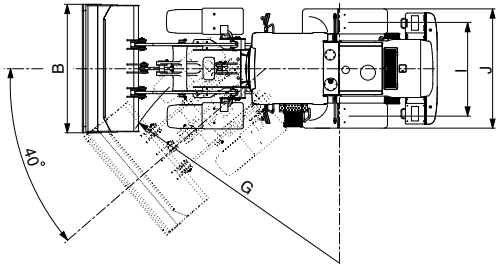
HL757-9SM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	13.6 (30000)
	Bucket capacity	m ³ (yd ³)	2.5 (3.3)
	Overall length	A mm (ft-in)	7445 (24' 5")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3400 (11' 2")
	Overall height (bucket raised)	D mm (ft-in)	5195 (17' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	3895 (12' 9")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5200 (17' 1")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050(6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins 6BTA5.9
	Rated horse power (Net)	hp/rpm	173/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	80 (579)
	Displacement	cc (cu in)	5900 (359)
Performance	Travel speed - Forward 1st	km/h (mph)	7.2 (4.5)
	2nd	km/h (mph)	11.9 (7.4)
	3rd	km/h (mph)	23.8 (14.8)
	4th	km/h (mph)	38.0 (23.6)
	Travel speed - Reverse 1st	km/h (mph)	7.6 (4.7)
	2nd	km/h (mph)	12.6 (7.8)
	3rd	km/h (mph)	25.1 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	13120 (28920)
	Dump clearance at 45°	K mm (ft-in)	2870 (9' 5")
	reach (full lift)	L mm (ft-in)	1035 (3' 5")
	angle	M degree	47
	Roll back angle (carry position)	N degree	46
	Boom raise	sec	6.1
lower	sec	3.1	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL757-9SM

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	51+51
	Rated oil flow	lpm (U.S. gpm)	220 (58.1)
Fan + Brake pump	Capacity	cc/rev	19.4+11.9
	Rated oil flow	lpm (U.S. gpm)	42+26 (11.1+6.9)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	80
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	4WG190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3085II/3075II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-130

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-21010	31Y2-06260
Boom cylinder (right)	31LM-21020	31Y2-06260
Bucket cylinder (STD)	31LM-21031	31Y2-07430
Bucket cylinder (XTD)	31LM-21530	31Y2-07430
Steering cylinder (left)	31LM-31011	31Y2-10430
Steering cylinder (right)	31LM-31021	31Y2-10430

※ The part numbers are only reference.

HL757-9SM

Filter

Description		Part No.	Service interval (hr)	
Engine oil		3934430	250	
Fuel		3991350	500	
Transmission oil		ZGAQ-02400	1000	
Prefilter		11NA-72011 11LF-20920	500	
Hydraulic	Return	#0008 #0009-	31LM-69041 31LM-69042	250 250
	Pilot		31E3-0018	250
	Air breather		31EE-02110	250
	Brake		31LK-40310	250 (clean)
	Air cleaner	Inner Outer	11N6-27030 11N6-27040	As required * ¹ 500 (clean)
Air conditioner	Inner Outer	11N6-90770 71LM-00290	As required * ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		15 (4.0)	250
Fuel		230 (60.8)	-
Hydraulic oil	Tank System	111 (29.3)	* ¹ 2000 * ² 5000
		191 (50.4)	-
Transmission		28 (7.4)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		30 (7.9)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LD-00370GG	
Cutting edge (center)	61LD-00360GG	

※ The part numbers are only reference.

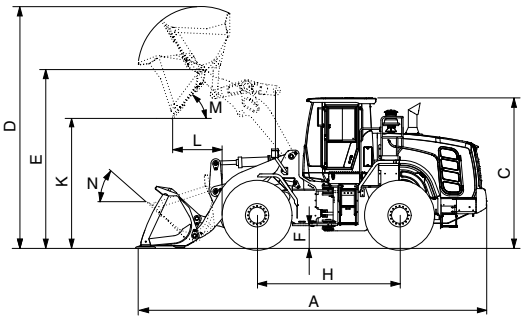
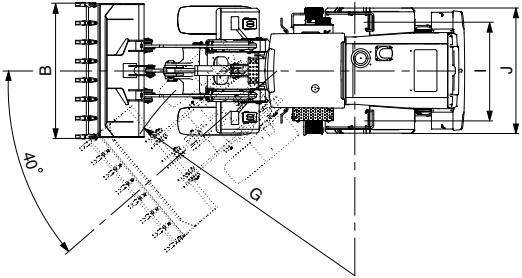
HL955

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.1 (33290)
	Bucket capacity	m ³ (yd ³)	2.8 (3.7)
	Overall length	A mm (ft-in)	7630 (25' 0")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3390 (10' 10")
	Overall height (bucket raised)	D mm (ft-in)	5290 (17' 4")
	Overall height (bucket pivot pin)	E mm (ft-in)	3940 (12' 11")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5240 (17' 2")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	200/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	95 (685)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	38.5 (24.0)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.3 (15.1)
	Gradeability	degree	30
	Breakout force	kg (lb)	13000 (28660)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1125 (3' 8")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.8
lower	sec	3.8	
Bucket dump	sec	1.2	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	54+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8/40.6 U.K.gpm)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	235 (3340)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 190/ZF 5WG 210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	-
Axle	Model	-	ZF MT-L3075II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-160

*Bucket dump

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Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WC-20011	31Y2-14320
CHANGZHOU #0347-	31WC-20011C	31Y2-14320
SHPAC #0347-	31WC-20011E	XKCC-02955
Boom cylinder (right)	31WC-20021	31Y2-14320
CHANGZHOU #0347-	31WC-20021C	31Y2-14320
SHPAC #0347-	31WC-20021E	XKCC-02955
Bucket cylinder (STD) -#0016	31WC-20031	31Y2-10880
#0017-	31WC-20032	31Y2-10880
CHANGZHOU #0347-	31WC-20032C	31Y2-10880
SHPAC #0347-	31WC-20032E	XKCC-03128
Bucket cylinder (XT) -#0016	31WC-20531	31Y2-10880
#0017 -#0291	31WC-20532	31Y2-10880
#0292-0347	31WC-20570	31Y2-10880
HCE #0348-	31WC-20570	31Y2-10880
CHINA #0348-	31WC-20570C	31Y2-10880
SHPAC #0348-	31WC-20570E	XKCC-03128
Steering cylinder (left)	31LM-30010	XKCC-00225
Steering cylinder (right)	31LM-30020	XKCC-00225

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required
	Outer -#0046	11LL-45180	* ¹ 1000 (clean)
	#0047-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		250 (66)	-
DEF/AdBlue®		27 (7.1)	-
Hydraulic oil	Tank	108 (28.5)	* ¹ 2000 * ² 5000
	System	188 (49.7)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LM-00320	-#0223
	61LM-00321	#0224-
Cutting edge (center)	61LM-00310	-#0223
	61LM-00311	#0224-

※ The part numbers are only reference.

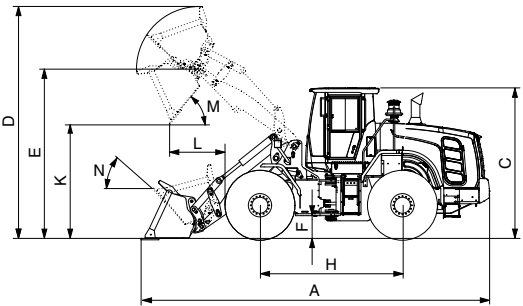
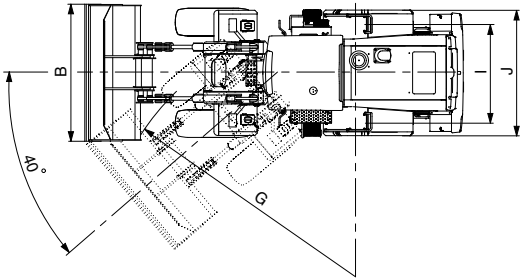
HL955 TM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.6 (34390)
	Bucket capacity	m ³ (yd ³)	2.7 (3.5)
	Overall length	A mm (ft-in)	7830 (25' 8")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3390 (11' 1")
	Overall height (bucket raised)	D mm (ft-in)	5410 (17' 9")
	Overall height (bucket pivot pin)	E mm (ft-in)	4010 (13' 2")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5240 (17' 2")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2050 (6' 9")
	Width of tires	J mm (ft-in)	2580 (8' 6")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	200/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	95 (685)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	23.0 (14.3)
	4th	km/h (mph)	38.5 (23.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.3 (15.1)
	Gradeability	degree	30
	Breakout force	kg (lb)	12800 (28220)
	Dump clearance at 45°	K mm (ft-in)	2840 (9' 4")
	reach (full lift)	L mm (ft-in)	1315 (4' 4")
	angle	M degree	50
	Roll back angle (carry position)	N degree	54
	Boom raise	sec	5.8
lower	sec	3.9	
Bucket dump	sec	2.0	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	54+38
	Rated oil flow	lpm (U.S. gpm)	185 (48.8/40.6 U.K.gpm)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *150 (2130)
Steering unit	Capacity	cc/rev	60
	Relief pressure	kgf/cm ² (psi)	235 (3340)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 190
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	-
Axle	Model	-	ZF MT-L3075II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-160

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WC-20011	31Y2-14320
Boom cylinder (right)	31WC-20021	31Y2-14320
Bucket cylinder (left)	31LM-20490	XKCC-00283
Bucket cylinder (right)	31LM-20500	XKCC-00283
Steering cylinder (left)	31LM-30010	XKCC-00225
Steering cylinder (right)	31LM-30020	XKCC-00225

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		250 (66)	-
DEF/AdBlue®		27 (7.1)	-
Hydraulic oil	Tank System	108 (28.5)	* ¹ 2000 * ² 5000
		188 (49.7)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LM-20220	-#0035
	61LM-20221	#0036-
Cutting edge (center)	61LM-20210	-#0035
	61LM-20211	#0036-

※ The part numbers are only reference.

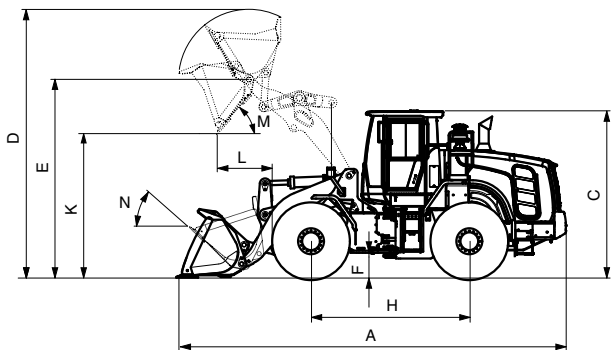
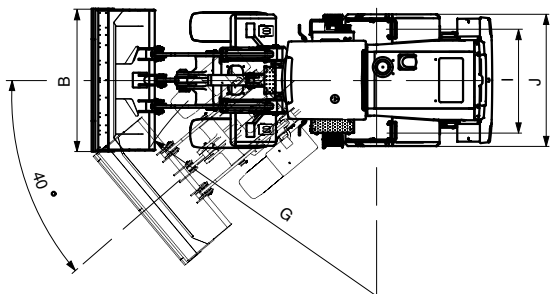
HL955A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.8 (34830)
	Bucket capacity	m ³ (yd ³)	2.8 (3.7)
	Overall length	A mm (ft-in)	7715 (25' 4")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3390 (11' 1")
	Overall height (bucket raised)	D mm (ft-in)	5330 (17' 6")
	Overall height (bucket pivot pin)	E mm (ft-in)	3940 (12' 11")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5300 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2010 (6' 7")
	Width of tires	J mm (ft-in)	2530 (8' 4")
Engine	Model	-	Cummins B6.7
	Rated horse power (Gross)	hp/rpm	200/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	101 (730)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	7.1 (4.4)
	2nd	km/h (mph)	11.7 (7.3)
	3rd	km/h (mph)	23.6 (14.7)
	4th	km/h (mph)	39.2 (24.4)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.3 (7.6)
	3rd	km/h (mph)	24.9 (15.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	14370 (31680)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1180 (3' 10")
	angle	M degree	48
	Roll back angle (carry position)	N degree	46
	Lift (with load)	sec	5.5
Lower (empty)	sec	3.9	
Dump (with load)	sec	2.0	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



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Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	185 (48.8/40.6 U.K.gpm)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	588
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 190
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	-
Axle	Model	-	ZF MT-L3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-160

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31WC-20011E	XKCC-02955
	RH	31WC-20021E	XKCC-02955
Bucket cylinder* ¹	LH	35WC-20052E	XKCC-04198
	RH	35WC-20152E	XKCC-04198
Steering cylinder	LH	31WC-30040	XKCC-04189
	RH	31WC-30050	XKCC-04189

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		5303743	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	1000
Hydraulic	Return	31RF-10400	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	15WC-65080	2000
	Supply module	YUBP-12343	4500
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	*1250 (clean)

*1 Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	800
Fuel		230 (60.8)	-
DEF/AdBlue®		37.1 (9.8)	-
Hydraulic oil	Tank	110 (29.0)	*1*22000 *35000
	System	200 (52.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		42 (11.1)	2000

*1 Conventional hydraulic oil *2 Hyundai bio hydraulic oil

*3 Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LM-00321	
Cutting edge (center)	61LM-00311	

※ The part numbers are only reference.

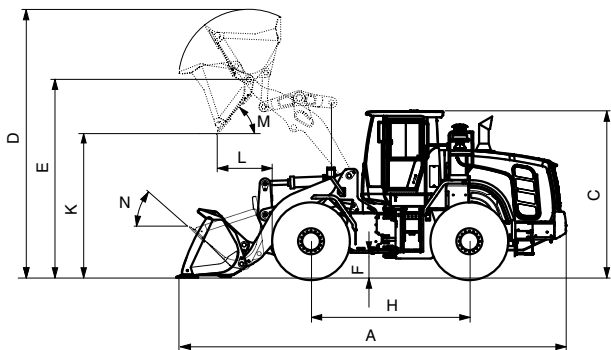
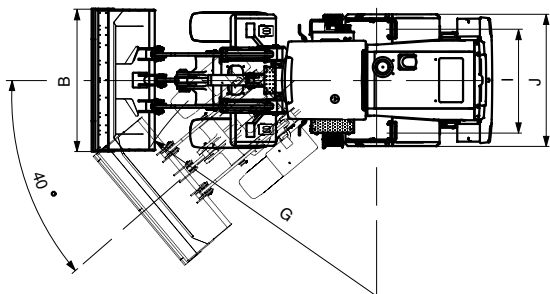
HL955A TM

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	15.8 (34830)
	Bucket capacity	m ³ (yd ³)	2.8 (3.7)
	Overall length	A mm (ft-in)	7715 (25' 4")
	Overall width	B mm (ft-in)	2740 (9' 0")
	Overall height	C mm (ft-in)	3390 (11' 1")
	Overall height (bucket raised)	D mm (ft-in)	5330 (17' 6")
	Overall height (bucket pivot pin)	E mm (ft-in)	3940 (12' 11")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5300 (17' 5")
	Wheel base	H mm (ft-in)	3050 (10' 0")
	Tread	I mm (ft-in)	2010 (6' 7")
	Width of tires	J mm (ft-in)	2530 (8' 4")
Engine	Model	-	Cummins B6.7
	Rated horse power (Gross)	hp/rpm	200/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	101 (730)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	7.1 (4.4)
	2nd	km/h (mph)	11.7 (7.3)
	3rd	km/h (mph)	23.6 (14.7)
	4th	km/h (mph)	39.2 (24.4)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.3 (7.6)
	3rd	km/h (mph)	24.9 (15.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	14370 (31680)
	Dump clearance at 45°	K mm (ft-in)	2785 (9' 2")
	reach (full lift)	L mm (ft-in)	1180 (3' 10")
	angle	M degree	48
	Roll back angle (carry position)	N degree	46
	Lift (with load)	sec	5.5
Lower (empty)	sec	3.9	
Dump (with load)	sec	2.0	
Tire	Spec	-	20.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL955A TM

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	185 (48.8/40.6 U.K.gpm)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	588
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 190
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	-
Axle	Model	-	ZF MT-L3085II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-160

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31WC-20011EGG	XKCC-02955
	RH	31WC-20021EGG	XKCC-02955
Bucket cylinder* ¹	LH	31LM-20490	XKCC-00283
	RH	31LM-20500	XKCC-00283
Steering cylinder	LH	31WC-30040	XKCC-04189
	RH	31WC-30050	XKCC-04189
Quick coupler cylinder* ¹		61LM-90090	31Y2-05920N

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

HL955A TM

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		5303743	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	1000
Hydraulic	Return	31RF-10400	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	15WC-65080	2000
	Supply module	YUBP-12343	4500
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	800
Fuel		230 (60.8)	-
DEF/AdBlue®		37.1 (9.8)	-
Hydraulic oil	Tank	110 (29.0)	* ¹ * ² 2000 * ³ 5000
	System	200 (52.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		32/24 (8.5/6.3)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LM-00321	
Cutting edge (center)	61LM-00311	

※ The part numbers are only reference.

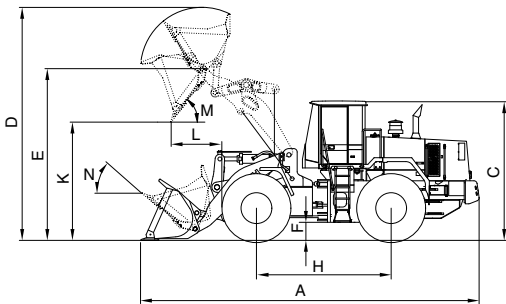
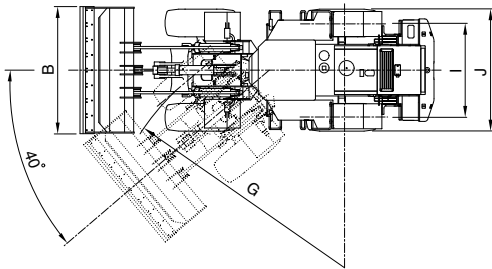
HL760-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.9 (39460)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8060 (26' 5")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3440 (11' 3")
	Overall height (bucket raised)	D mm (ft-in)	5540 (18' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4150 (13' 7")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5725 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB5.9
	Rated horse power (Gross)	ps/rpm	218/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	96 (692)
	Displacement	cc (cu in)	5880 (359)
Performance	Travel speed - Forward 1st	km/h (mph)	7.6 (4.7)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	23.6 (14.7)
	4th	km/h (mph)	36.4 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	8.0 (5.0)
	2nd	km/h (mph)	13.5 (8.4)
	3rd	km/h (mph)	24.7 (15.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	15950 (35160)
	Dump clearance at 45°	K mm (ft-in)	3000 (9' 10")
	reach (full lift)	L mm (ft-in)	1190 (3' 11")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	6.2
lower	sec	3.0	
Bucket dump	sec	1.3	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	68+63
	Rated oil flow	lpm (U.S. gpm)	283 (74.8)
Fan + Brake pump	Capacity	cc/rev	22.9+11.9
	Rated oil flow	lpm (U.S. gpm)	48+25 (12.7+6.6)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	Volvo LF18/LR18
	Differential type (front)	-	Torque proportioning
	Differential type (rear)	-	Torque proportioning
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-200

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LC-20010	31Y2-07660
Boom cylinder (right)	31LC-20020	31Y2-07660
Bucket cylinder (STD)	31LC-20030	31Y2-07770
Bucket cylinder (XTD)	31LC-20120	31Y2-07770
Steering cylinder (left)	31LC-30020	31Y2-07860
Steering cylinder (right)	31LC-30030	31Y2-07860

※ The part numbers are only reference.

HL760-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11N8-70010	500
Transmission oil		ZGAQ-00001	1000
Prefilter	-#0384	3908633	500
	#0385-	11LB-20310	500
Hydraulic	Return	31L1-4041	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	11L1-2004	As required
	Outer	11L1-20031	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	500
Fuel		330 (87.2)	-
Hydraulic oil	Tank	150 (39.7)	* ¹ 2000 * ² 5000
	System	260 (69)	-
Transmission		32 (8.5)	1000
Axle (front / rear)		45/40 (11.9/10.6)	1500
Coolant		40 (10.6)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028/BG	-#1255/#1256-
Tooth (right)	61L1-3029/BG	-#1255/#1256-
Tooth (center)	61L1-3022/BG	-#1255/#1256-
Cutting edge (left, right)	61LB-00370/BG	-#1255/#1256-
Cutting edge (center)	61LC-00340/BG	-#1255/#1256-

※ The part numbers are only reference.

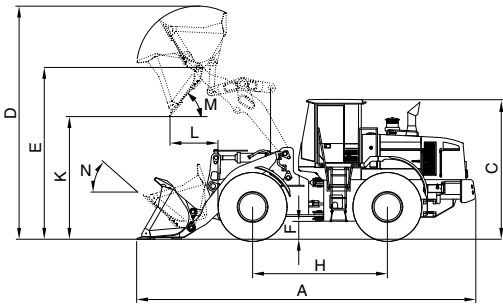
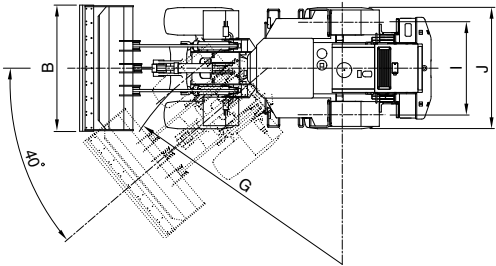
HL760-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.9 (39460)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8060 (26' 5")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3440 (11' 3")
	Overall height (bucket raised)	D mm (ft-in)	5540 (18' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4150 (13' 7")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5725 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	218/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	97 (702)
	Displacement	cc (cu in)	6700 (409)
Performance	Travel speed - Forward 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.7 (7.3)
	3rd	km/h (mph)	22.3 (13.9)
	4th	km/h (mph)	34.3 (21.3)
	Travel speed - Reverse 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	12.3 (7.6)
	3rd	km/h (mph)	23.3 (14.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	15950 (35160)
	Dump clearance at 45°	K mm (ft-in)	3000 (9' 10")
	reach (full lift)	L mm (ft-in)	1190 (3' 11")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	6.2
lower	sec	3.0	
Bucket dump	sec	1.3	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	68+68
	Rated oil flow	lpm (U.S. gpm)	140+140 (37+37)
Fan + Brake pump	Capacity	cc/rev	19+11.9
	Rated oil flow	lpm (U.S. gpm)	43+27 (11.4+7.1)
	Operating pressure	kgf/cm ² (psi)	141+150 (2000+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3095/3085
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-160

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LC-20010	31Y2-07660
Boom cylinder (right)	31LC-20020	31Y2-07660
Bucket cylinder (STD)	31LC-20030	31Y2-07770
Bucket cylinder (XTD)	31LC-20120	31Y2-07770
Steering cylinder (left)	31LC-30120	31Y2-10230
Steering cylinder (right)	31LC-30130	31Y2-10230

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LG-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter -#1050/#1051-		11NA-71040/1	500
Hydraulic	Return -#0186	31L1-4041	250
	-#1218	31LH-60070	1000
	-#1758	31N8-01510	1000
	#1759-	31N8-01511	1000
	Pilot -#0212	31E3-0018	250
	#0213-	31MH-20320	1000
	Air breather	31EE-02110	250
Brake		31L1-0139	250 (clean)
Air cleaner	Inner	11L1-2004	As required
	Outer	11L1-20031	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		330 (87.2)	-
Hydraulic oil	Tank	150 (39.7)	* ¹ 2000 * ² 5000
	System	260 (69)	-
Transmission		32 (8.5)	1000
Axle (front / rear)	VOLVO, -#0293	45/40 (11.9/10.6)	1500
	ZF, #0294-	38/31 (10.0/8.2)	1500
Coolant		39 (10.3)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028/BG	-#0174/#0175-
Tooth (right)	61L1-3029/BG	-#0174/#0175-
Tooth (center)	61L1-3022/BG	-#0174/#0175-
Cutting edge (left, right)	61LB-00370/BG	-#0174/#0175-
Cutting edge (center)	61LC-00340/BG	-#0174/#0175-

※ The part numbers are only reference.

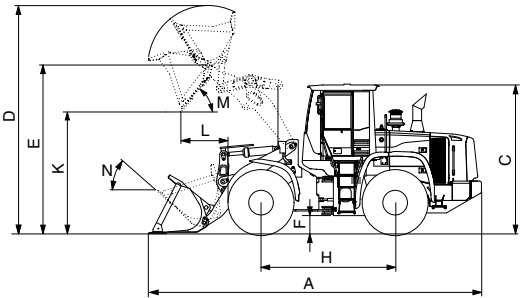
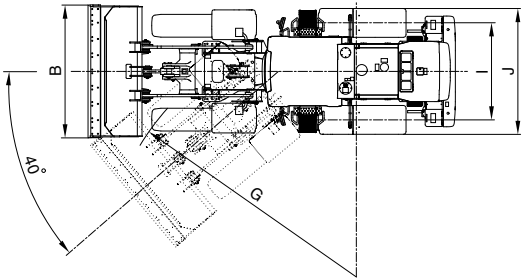
HL760-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.9 (39460)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8100 (26' 7")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5575 (18' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5730 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7/HYUNDAI HE6.7
	Rated horse power (Gross)	hp/rpm	215/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	97 (702)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.3 (3.9)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.0 (15.0)
	4th	km/h (mph)	38.1 (23.7)
	Travel speed - Reverse 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.6 (7.9)
	3rd	km/h (mph)	25.2 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	16230 (35780)
	Dump clearance at 45°	K mm (ft-in)	2970 (9' 9")
	reach (full lift)	L mm (ft-in)	1220 (4' 0")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.2	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+51
	Rated oil flow	lpm (U.S. gpm)	126+107 (33.3+28.3)
Fan + Brake pump	Capacity	cc/rev	19+11.9
	Rated oil flow	lpm (U.S. gpm)	43+27 (10.8+6.6)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3095II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-130

*Bucket dump

HL760-9

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LL-20010	31Y2-11050
CHANGZHOU #0765-	31LL-20010C	31Y2-11050
SHPAC #0765-	31LM-20010E	XKCC-02923
Boom cylinder (right)	31LL-20020	31Y2-11050
CHANGZHOU #0765-	31LL-20020C	31Y2-11050
SHPAC #0765-	31LM-20020E	XKCC-02923
Bucket cylinder (STD) -#0548	31LL-20031	31Y2-11240
-#0646	31LL-20032	31Y2-11240
-#0647-	31LL-20033	31Y2-11240
CHANGZHOU #0765-	31LL-20033C	31Y2-11240
SHPAC #0765-	31LL-20033E	31Y2-11240
Bucket cylinder (XTD) -#0548	31LL-20530	31Y2-11240
-#0646	31LL-20531	31Y2-11240
-#0647-	31LL-20532	31Y2-11240
CHANGZHOU #0765-	31LL-20532C	31Y2-11240
Steering cylinder (left)	31LL-30020	XKCC-00225
Steering cylinder (right)	31LL-30030	XKCC-00225

※ The part numbers are only reference.

HL760-9

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		11LC-70010	500
Transmission oil		ZGAQ-02400	1000
Prefilter	-#0607	11NA-71041	500
	#0608-	11QA-71010	500
Hydraulic	Return -#0018	31LH-60070	1000
	-#0457	31N8-01510	1000
	#0458-	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
	Brake -#0607	31LM-40090	1000
Air cleaner	Inner	11Q8-20310	As required
	Outer	11Q8-20320	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer -#0286	71LB-00290	* ¹ 250 (clean)
	#0287-	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		334 (88.2)	-
Hydraulic oil	Tank	178 (47)	* ¹ 2000 * ² 5000
	System	252 (66.6)	-
Transmission		32 (8.5)	1000
Axle (front / rear)		38/31 (10.0/8.2)	1500
Coolant		39 (10.3)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LK-00370	-#0729
	61LL-00371	#0730-
Cutting edge (center)	61LL-00340	-#0729
	61LL-00341	#0730-

※ The part numbers are only reference.

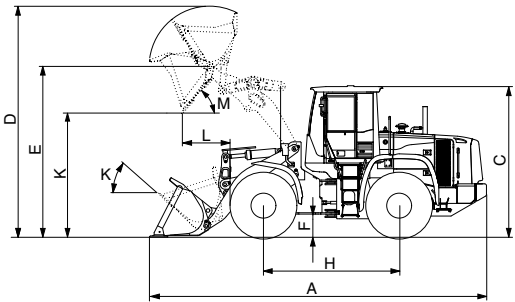
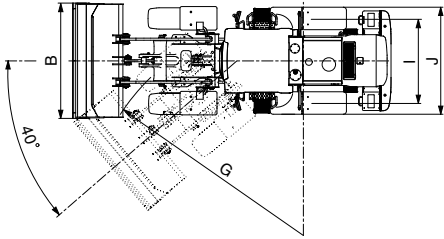
HL760-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	18.35 (40450)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8105 (26' 7")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5575 (18' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5730 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (NET)	hp/rpm	222/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	97 (700)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.3 (3.9)
	2nd	km/h (mph)	12.0 (7.5)
	3rd	km/h (mph)	24.0 (15.0)
	4th	km/h (mph)	38.5 (24.0)
	Travel speed - Reverse 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.6 (7.9)
	3rd	km/h (mph)	25.2 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	16230 (35980)
	Dump clearance at 45°	K mm (ft-in)	2970 (9' 9")
	reach (full lift)	L mm (ft-in)	1220 (4' 0")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.2	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+51
	Rated oil flow	lpm (U.S. gpm)	126+107 (33.3+28.3)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	59 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3095II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-160

*Bucket dump

HL760-9A

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LL-20010	31Y2-11050
Boom cylinder (right)	31LL-20020	31Y2-11050
Bucket cylinder (STD) -#0067	31LL-20031	31Y2-11240
-#0377	31LL-20032	31Y2-11240
#0378-	31LL-20033	31Y2-11240
Bucket cylinder (XTD) -#0067	31LL-20530	31Y2-11240
-#0377	31LL-20531	31Y2-11240
#0378-	31LL-20532	31Y2-11240
Steering cylinder (left)	31LL-30020	XKCC-00225
Steering cylinder (right)	31LL-30030	XKCC-00225

※ The part numbers are only reference.

HL760-9A

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel	-#7352808 #7352809-	4934845 11Q7-71010	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11NA-71041	500
Hydraulic	Return -#0005	31N8-01510	1000
	#0006-	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		327 (86.4)	-
Hydraulic oil	Tank	178 (47)	* ¹ 2000 * ² 5000
	System	220 (58.1)	-
Transmission		32 (8.5)	1000
Axle (front / rear)		35/35 (9.2/9.2)	1500
Coolant		47 (12.4)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LK-00370	
Cutting edge (center)	61LL-00340	

※ The part numbers are only reference.

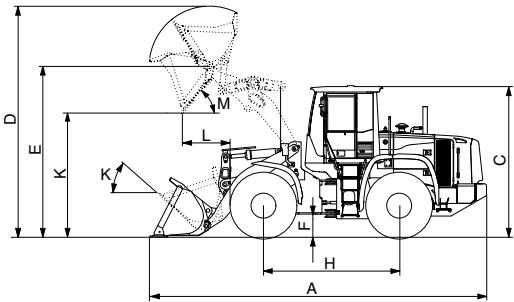
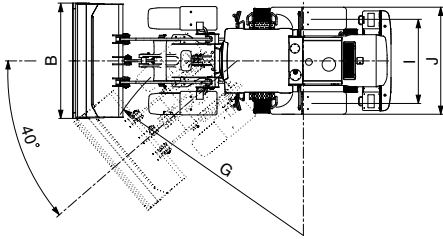
HL760-9A (Waste Handler)

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	19.5 (43000)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8340 (27' 4")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5725 (18' 9")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5730 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (NET)	hp/rpm	222/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	97 (700)
	Displacement	cc (cu in)	6730 (410)
Performance	Travel speed - Forward 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	18.6 (11.6)
	4th	km/h (mph)	44.0 (27.3)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	30.4 (18.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	13650 (30090)
	Dump clearance at 45°	K mm (ft-in)	2805 (9' 2")
	reach (full lift)	L mm (ft-in)	1375 (4' 6")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.2	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-9A (Waste Handler)

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+51
	Rated oil flow	lpm (U.S. gpm)	126+107 (33.3+28.3)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	59 (15.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 5WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3095II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-160 (20hr)

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LL-23010	31Y2-11050
Boom cylinder (right)	31LL-23020	31Y2-11050
Bucket cylinder (STD) -#0007	31LL-20032	31Y2-11240
#0008-	31LL-20033	31Y2-11240
Bucket cylinder (XTD) -#0007	31LL-20531	31Y2-11240
#0008-	31LL-20532	31Y2-11240
Steering cylinder (left)	31LL-30020	XKCC-00225
Steering cylinder (right)	31LL-30030	XKCC-00225

※ The part numbers are only reference.

HL760-9A (Waste Handler)

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	500
Fuel		4934845	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11QA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	250
Air cleaner	Inner	11LL-45190	As required
	Outer	-#0008	* ¹ 1000 (clean)
		#0009-	11LL-45181
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		327 (86.4)	-
Hydraulic oil	Tank System	178 (47)	* ¹ 2000 * ² 5000
		220 (58.1)	-
Transmission		32 (8.5)	1000
Axle (front / rear)		51/40 (13.5/10.6)	1500
Coolant		47 (12.4)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (left, right)	61LK-00370	
Cutting edge (center)	61LL-00340	

※ The part numbers are only reference.

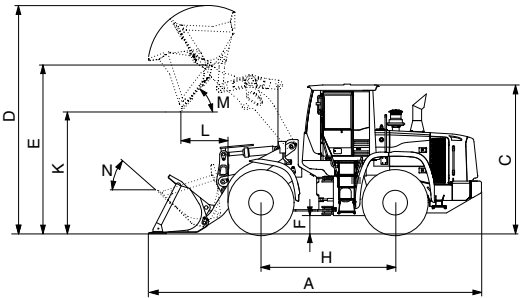
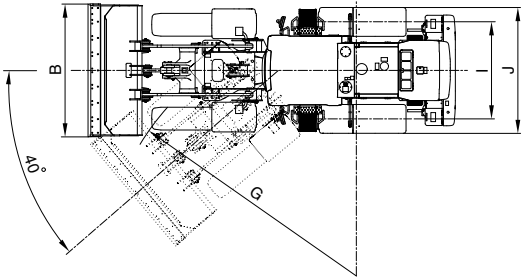
HL760-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.6 (38800)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8065 (26' 6")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3485 (11' 5")
	Overall height (bucket raised)	D mm (ft-in)	5540 (18' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	420 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5730 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins 6CTAA8.3/HYUNDAI HM8.3
	Rated horse power (NET)	hp/rpm	205/2200
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	99 (716)
	Displacement	cc (cu in)	8300 (506)
Performance	Travel speed - Forward 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	24.2 (15)
	4th	km/h (mph)	38.4 (23.9)
	Travel speed - Reverse 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.8 (8.0)
	3rd	km/h (mph)	25.4 (15.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	15950 (35170)
	Dump clearance at 45°	K mm (ft-in)	3000 (9' 10")
	reach (full lift)	L mm (ft-in)	1190 (3' 11")
	angle	M degree	47
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	6.2
lower	sec	3.0	
Bucket dump	sec	1.4	
Tire	Spec	-	23.5-25, 20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.9 (55)

※ Specifications are based on the standard machine.

Dimension



HL760-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	68+68
	Rated oil flow	lpm (U.S. gpm)	140+140 (37+37)
Fan + Brake pump	Capacity	cc/rev	19+11.9
	Rated oil flow	lpm (U.S. gpm)	43+27 (11.4+7.1)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Steering valve	Rated oil flow	lpm (U.S. gpm)	150 (39.6)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3095II/3085II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-130

*Bucket dump

HL760-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LL-29010	31Y2-07660
CHANGZHOU #0775-	31LL-29010C	31Y2-07660
SHPAC #0775-	31LL-29010E	31Y2-07660
Boom cylinder (right)	31LL-29020	31Y2-07660
CHANGZHOU #0775-	31LL-29020C	31Y2-07660
SHPAC #0775-	31LL-29020E	31Y2-07660
Bucket cylinder (STD)	31LL-29031	31Y2-07770
CHANGZHOU #0775-	31LL-29031C	31Y2-07770
SHPAC #0775-	31LL-29031E	XKCC-03022
Bucket cylinder (XTD)	31LL-29041	31Y2-07770
CHANGZHOU #0775-	31LL-29041C	31Y2-07770
Steering cylinder (left)	31LL-30350	XKCC-00678
Steering cylinder (right)	31LL-30360	XKCC-00678

※ The part numbers are only reference.

HL760-9S

Filter

Description		Part No.	Service interval (hr)
Engine oil		3401544	250
Fuel		3931063	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11LF-20920	500
Coolant filter		3100307	500
Hydraulic	-#0207	31LC-69040	250
	Return -#0379	31LC-69041	250
	#0380-	31LC-69042	250
	Pilot	31E3-0018	250
	Air breather	31EE-02110	250
	Brake -#0556	31L1-0139	250 (clean)
#0557-	31FQ-50080	250 (clean)	
Air cleaner	Inner	11Q8-20310	As required
	Outer	11Q8-20320	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		263 (69.5)	-
Hydraulic oil	Tank	163 (43.1)	* ¹ 2000 * ² 5000
	System	260 (68.7)	-
Transmission		32 (8.5)	1000
Axle (front / rear)		35/35 (9.2/9.2)	1500
Coolant		39 (10.3)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LB-00370GG	
Cutting edge (center)	61LC-00340GG	

※ The part numbers are only reference.

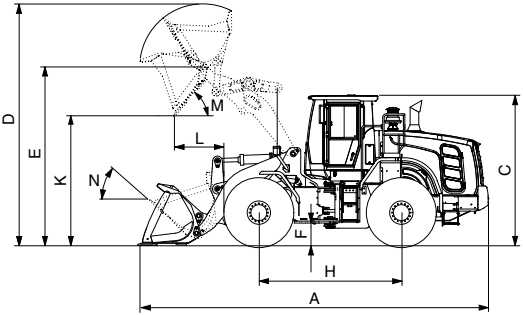
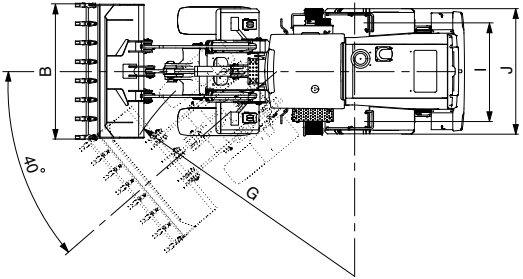
HL960

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	18.8 (41450)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8140 (26' 8")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5550 (18' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5610 (18' 5")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	225/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	106 (770)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	24.3 (15.1)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	6.7 (4.2)
	2nd	km/h (mph)	12.7 (7.9)
	3rd	km/h (mph)	25.6 (15.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	16670 (36750)
	Dump clearance at 45°	K mm (ft-in)	2935 (9' 8")
	reach (full lift)	L mm (ft-in)	1295 (4' 3")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.9
lower	sec	3.1	
Bucket dump	sec	1.3	
Tire	Spec	-	23.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL960

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+63
	Rated oil flow	lpm (U.S. gpm)	120+126 (31.7+33.3)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	-
Axle	Model	-	ZF MT-L3085II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-160

*Bucket dump

HL960

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WD-20012	31Y2-11050
CHANGZHOU #0334-	31WD-20012C	31Y2-11050
SHPAC #0334-	31WD-20012E	XKCC-02976
Boom cylinder (right)	31WD-20022	31Y2-11050
CHANGZHOU #0334-	31WD-20022C	31Y2-11050
SHPAC #0334-	31WD-20022E	XKCC-02976
Bucket cylinder (STD) -#0004	31WD-20032	31Y2-11240
#0005-	31WD-20033	31Y2-11240
CHANGZHOU #0334-	31WD-20033C	31Y2-11240
SHPAC #0334-	31WD-20033E	XKCC-02988
Bucket cylinder (XT) -#0004	31WD-20531	31Y2-11240
#0005-	31WD-20532	31Y2-11240
CHANGZHOU #0334-	31WD-20532C	31Y2-11240
SHPAC #0334-	31WD-20532E	XKCC-02988
Steering cylinder (left)	31LL-30020	XKCC-00225
Steering cylinder (right)	31LL-30030	XKCC-00225

※ The part numbers are only reference.

HL960

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required
	Outer -#0045	11LL-45180	* ¹ 1000 (clean)
	#0046-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		300 (79.3)	-
DEF/AdBlue®		27 (7.1)	-
Hydraulic oil	Tank	110 (29.1)	* ¹ 2000 * ² 5000
	System	200 (52.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		35/35 (9.2/9.2)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	64L1-01210GG	
Tooth (right)	64L1-01220GG	
Tooth (center)	64L1-01200GG	
Cutting edge (left, right)	61LK-00370	-#0208
	61LK-00371	#0209-
Cutting edge (center)	61LL-00340	-#0208
	61LL-00341	#0209-

※ The part numbers are only reference.

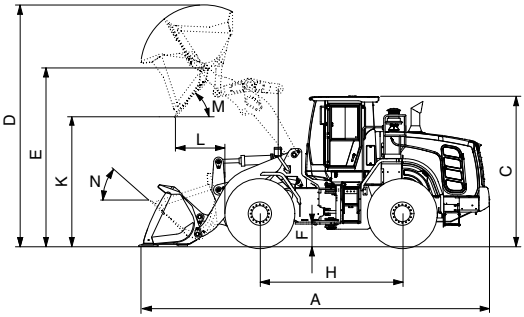
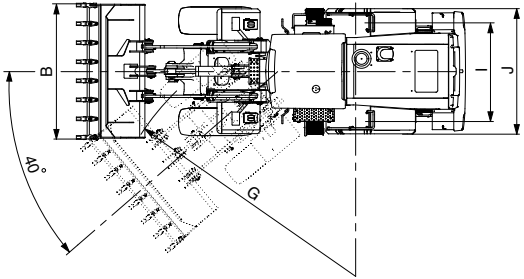
HL960HD

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	19.3 (42550)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8140 (26' 8")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5550 (18' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5610 (18' 5")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSB6.7
	Rated horse power (Gross)	ps/rpm	228/2200
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	106 (770)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.3 (3.9)
	2nd	km/h (mph)	11.9 (7.4)
	3rd	km/h (mph)	24.0 (14.9)
	4th	km/h (mph)	38.9 (24.2)
	Travel speed - Reverse 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	12.6 (7.8)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	16670 (36750)
	Dump clearance at 45°	K mm (ft-in)	2935 (9' 8")
	reach (full lift)	L mm (ft-in)	1285 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.9
lower	sec	3.1	
Bucket dump	sec	1.3	
Tire	Spec	-	23.5 R25, ★(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL960HD

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+63
	Rated oil flow	lpm (U.S. gpm)	120+126 (31.7+33.3)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	235 (3340)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	-
Axle	Model	-	ZF MT-L3085II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-160

*Bucket dump

HL960HD

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left) HCE	31WD-20012	31Y2-11050
CHINA #0003-	31WD-20012C	31Y2-11050
SHPAC #0003-	31WD-20012E	W027-1S000
Boom cylinder (right) HCE	31WD-20022	31Y2-11050
CHINA #0003-	31WD-20022C	31Y2-11050
SHPAC #0003-	31WD-20022E	W027-1S000
Bucket cylinder (STD) HCE	31WD-20033	31Y2-11240
CHINA #0003-	31WD-20033C	31Y2-11240
SHPAC #0003-	31WD-20033E	XKCC-02988
Bucket cylinder (XT) HCE	31WD-20532	31Y2-11240
CHINA #0003-	31WD-20532C	31Y2-11240
SHPAC #0003-	31WD-20532E	XKCC-02988
Steering cylinder (left)	31LL-30020	XKCC-00225
Steering cylinder (right)	31LL-30030	XKCC-00225

※ The part numbers are only reference.

HL960HD

Filter

Description		Part No.	Service interval (hr)
Engine oil		3937736	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11LL-45190	As required * ¹ 1000 (clean)
	Outer	11LL-45181	
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace) * ¹ 250 (clean)
	Outer	71WD-32210	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	500
Fuel		300 (79.3)	-
DEF/AdBlue®		27 (7.1)	-
Hydraulic oil	Tank System	110 (29.1)	* ¹ 2000 * ² 5000
		200 (52.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		42/40 (11.1/10.6)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	64L1-01210GG	
Tooth (right)	64L1-01220GG	
Tooth (center)	64L1-01200GG	
Cutting edge (left, right)	61LK-00371	
Cutting edge (center)	61LL-00341	

※ The part numbers are only reference.

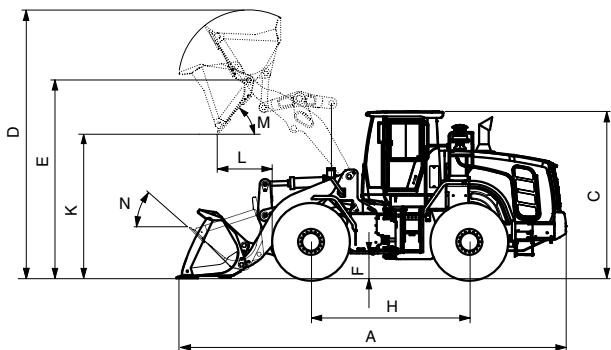
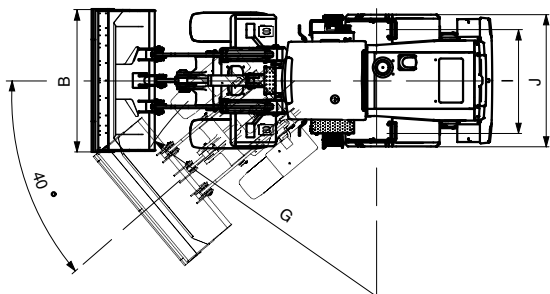
HL960A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	19.2 (42330)
	Bucket capacity	m ³ (yd ³)	3.3 (4.3)
	Overall length	A mm (ft-in)	8140 (26' 8")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5640 (18' 6")
	Overall height (bucket pivot pin)	E mm (ft-in)	4105 (13' 6")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5720 (18' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins B6.7
	Rated horse power (Gross)	hp/rpm	225/2200
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	121 (875)
	Displacement	cc (cu in)	6700 (408)
Performance	Travel speed - Forward 1st	km/h (mph)	6.4 (4.0)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	24.5 (15.2)
	4th	km/h (mph)	39.0 (24.2)
	Travel speed - Reverse 1st	km/h (mph)	6.8 (4.2)
	2nd	km/h (mph)	12.8 (7.9)
	3rd	km/h (mph)	25.7 (15.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	16670 (36750)
	Dump clearance at 45°	K mm (ft-in)	2935 (9' 8")
	reach (full lift)	L mm (ft-in)	1285 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Lift (with load)	sec	5.8
Lower (empty)	sec	3.6	
Dump (with load)	sec	2.0	
Tire	Spec	-	23.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL960A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	74+45
	Rated oil flow	lpm (U.S. gpm)	148+90 (39.1+23.8)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	940
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG210
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	-
Axle	Model	-	ZF MT-L3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	12-160

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	31WD-20012EGG	XKCC-02976
	RH	31WD-20022EGG	XKCC-02976
Boom cylinder* ²	LH	31WD-20012CGG	31Y2-11050
	RH	31WD-20022CGG	31Y2-11050
Bucket cylinder* ¹	LH	35WD-21030EGG	XKCC-04178
	RH	35WD-21530EGG	XKCC-04178
Steering cylinder	LH	35WD-30020	XKCC-04184
	RH	35WD-30030	XKCC-04184

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

HL960A

Filter

Description		Part No.	Service interval (hr)
Engine oil		11N8-70110	800
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-72040	1000
Hydraulic	Return	31RF-10450	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	15WC-65080	2000
	Supply module	YUBP-12343	4500
Air cleaner	Inner	11LL-45190	As required 1000 (clean)
	Outer	11LL-45181	
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace) * ¹ 250 (clean)
	Outer	71WD-32210	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		18 (4.8)	800
Fuel		260 (68.6)	-
DEF/AdBlue®		37.1 (9.8)	-
Hydraulic oil	Tank	110 (29.1)	* ¹ * ² 2000 * ³ 5000
	System	200 (52.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		35/35 (9.2/9.2)	1500
Coolant		42 (11.1)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LK-00371	
Cutting edge (center)	61LL-00341	

※ The part numbers are only reference.

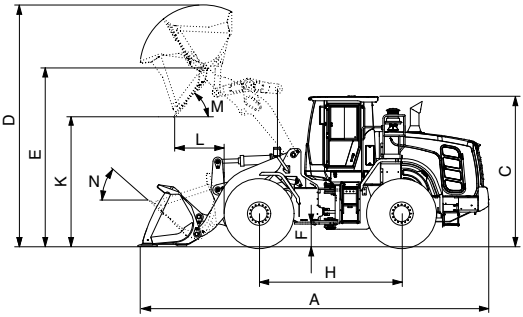
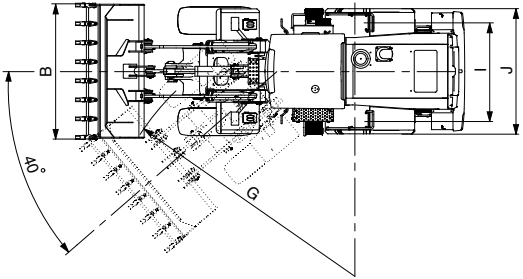
HL965

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	20.1 (44315)
	Bucket capacity	m ³ (yd ³)	3.6 (4.71)
	Overall length	A mm (ft-in)	8280 (27' 2")
	Overall width	B mm (ft-in)	3000 (9' 10")
	Overall height	C mm (ft-in)	3450 (11' 4")
	Overall height (bucket raised)	D mm (ft-in)	5700 (18' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	4145 (13' 7")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	5725 (17' 9")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2160 (7' 1")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Cummins QSL9
	Rated horse power (Gross)	ps/rpm	276/2100
	Maximum torque (at 1500 rpm)	kgf·m (lbf·ft)	148 (1070)
	Displacement	cc (cu in)	8900 (543)
Performance	Travel speed - Forward 1st	km/h (mph)	6.0 (3.7)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	22.9 (14.2)
	4th	km/h (mph)	37.4 (23.2)
	Travel speed - Reverse 1st	km/h (mph)	6.3 (3.9)
	2nd	km/h (mph)	12.0 (7.4)
	3rd	km/h (mph)	24.2 (15.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	17400 (38360)
	Dump clearance at 45°	K mm (ft-in)	2955 (9' 8")
	reach (full lift)	L mm (ft-in)	1400 (4' 7")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
lower	sec	3.1	
Bucket dump	sec	1.4	
Tire	Spec	-	23.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.2 (60)

※ Specifications are based on the standard machine.

Dimension



HL965

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	60+70
	Rated oil flow	lpm (U.S. gpm)	115+134 (30.4+35.4)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	54 (14.3)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *300 (4270)
Steering unit	Capacity	cc/rev	100
	Relief pressure	kgf/cm ² (psi)	235 (3340)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 5WG 210
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	-
Axle	Model	-	ZF MT-L3105II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-200

*Bucket dump

HL965

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WE-20011	31Y2-11050
CHANGZHOU #0006-	31WE-20011C	31Y2-11050
SHPAC #0006-	31WE-20011E	XKCC-02976
Boom cylinder (right)	31WE-20021	31Y2-11050
CHANGZHOU #0006-	31WE-20021C	31Y2-11050
SHPAC #0006-	31WE-20021E	XKCC-02976
Bucket cylinder (STD)	31WE-20030	31Y2-11240
CHANGZHOU #0006-	31WE-20030C	31Y2-11240
SHPAC #0006-	31WE-20030E	31Y2-11240
Bucket cylinder (XT)	31WE-20530	31Y2-11240
CHANGZHOU #0006-	31WE-20530C	31Y2-11240
SHPAC #0006-	31WE-20530E	31Y2-11240
Steering cylinder (left)	31WE-30120	XKCC-00185
Steering cylinder (right)	31WE-30130	XKCC-00185

※ The part numbers are only reference.

HL965

Filter

Description		Part No.	Service interval (hr)
Engine oil		3401544	500
Fuel		5303743	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31RF-10400	1000
	Pilot	31LM-10310	1000
	Air breather	31EE-02110	1000
Air cleaner	Inner	11Q9-10190	As required * ¹ 1000 (clean)
	Outer	11Q9-10180	
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 1000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		19 (5.0)	500
Fuel		300 (79.3)	-
DEF/AdBlue®		27 (7.1)	-
Hydraulic oil	Tank System	115 (30.4)	* ¹ 2000 * ² 5000
		215 (56.8)	-
Transmission		33 (8.7)	1000
Axle (front / rear)		42/40 (11.1/10.6)	1500
Coolant		44 (11.6)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	64L1-01210GG	
Tooth (right)	64L1-01220GG	
Tooth (center)	64L1-01200GG	
Cutting edge (left, right)	61LK-00371	
Cutting edge (center)	61LL-00340	-#0004
	61LL-00341	#0005-

※ The part numbers are only reference.

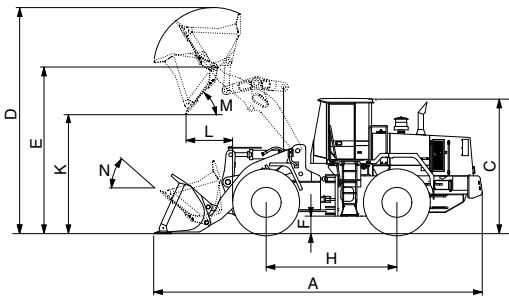
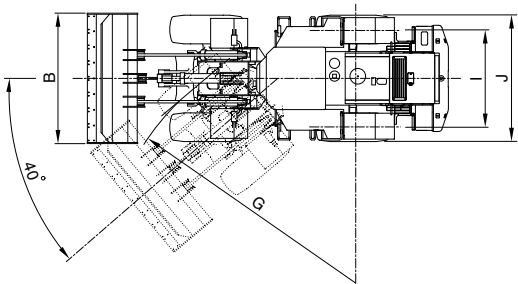
HL770-7

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	22.8 (50270)
	Bucket capacity	m ³ (yd ³)	4.0 (5.2)
	Overall length	A mm (ft-in)	8635 (28' 4")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3550 (11' 8")
	Overall height (bucket raised)	D mm (ft-in)	5870 (19' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4310 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6000 (19' 8")
	Wheel base	H mm (ft-in)	3440 (11' 3")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	280/2200
Maximum torque (at 1400 rpm)		kgf·m (lbf·ft)	138 (1000)
Displacement		cc (cu in)	8270 (505)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.3 (7.7)
	3rd	km/h (mph)	26.3 (16.4)
	4th	km/h (mph)	38.0 (23.7)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.3 (7.7)
	3rd	km/h (mph)	26.3 (16.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	20760 (45770)
	Dump clearance at 45°	K mm (ft-in)	3117 (10' 3")
	reach (full lift)	L mm (ft-in)	1254 (4' 1")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.7
lower	sec	2.8	
Bucket dump	sec	1.4	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL770-7

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	120.6+79.3
	Rated oil flow	lpm (U.S. gpm)	431 (114)
Fan + Brake pump	Capacity	cc/rev	22.9+11.9
	Rated oil flow	lpm (U.S. gpm)	55+29 (14.5+7.7)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260-IV
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	Volvo LF22/LR22
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-200

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LB-20110	31Y2-02860
Boom cylinder (right)	31LB-20120	31Y2-02860
Bucket cylinder (STD)	31LB-20010	31Y2-02970
Bucket cylinder (XTD)	31LB-20370	31Y2-02970
Steering cylinder (left)	31LB-30010	31Y2-08270
Steering cylinder (right)	31LB-30020	31Y2-08270

※ The part numbers are only reference.

HL770-7

Filter

Description		Part No.	Service interval (hr)
Engine oil		11NA-70110	500
Fuel		11NA-70010	500
Transmission oil		ZGAQ-00001	1000
Coolant filter		11LB-70010	500
Hydraulic	Return	31L1-4041	250
	Pilot	31E3-0018	250
	Air breather	31EH-00480	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	14L1-01570	As required
	Outer	14L1-01560	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer -#0003	74L3-04560	* ¹ 250 (clean)
	#0004-	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	500
Fuel		430 (114)	-
Hydraulic oil	Tank	200 (52.8)	* ¹ 2000 * ² 5000
	System	320 (85)	-
Transmission		55 (14.5)	1000
Axle (front / rear)		78/53 (20.6/14.0)	1500
Coolant		56 (14.8)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028	
Tooth (right)	61L1-3029	
Tooth (center)	61L1-3022	
Cutting edge (left, right)	61LB-00370	
Cutting edge (center)	61LB-00360	

※ The part numbers are only reference.

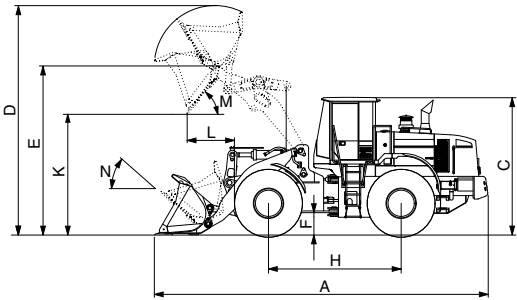
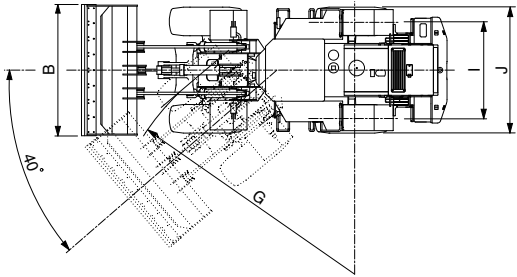
HL770-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	23.1 (50930)
	Bucket capacity	m ³ (yd ³)	4.0 (5.2)
	Overall length	A mm (ft-in)	8635 (28' 4")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3550 (11' 8")
	Overall height (bucket raised)	D mm (ft-in)	5870 (19' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4310 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6000 (19' 8")
	Wheel base	H mm (ft-in)	3440 (11' 3")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
Engine	Model	-	Cummins QSL
	Rated horse power (Gross)	ps/rpm	284/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	148 (1070)
	Displacement	cc (cu in)	8900 (540)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	26.0 (16.2)
	4th	km/h (mph)	37.2 (23.2)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	26.0 (16.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	20760 (45770)
	Dump clearance at 45°	K mm (ft-in)	3117 (10' 3")
	reach (full lift)	L mm (ft-in)	1254 (4' 1")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.5
lower	sec	3.0	
Bucket dump	sec	1.5	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL770-7A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	137.5+79.3
	Rated oil flow	lpm (U.S. gpm)	270+155 (71.3+40.9)
Fan + Brake pump	Capacity	cc/rev	22.9+11.9
	Rated oil flow	lpm (U.S. gpm)	51+26 (13.5+6.9)
	Operating pressure	kgf/cm ² (psi)	125+150 (1780+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3420)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1140)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260-IV
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model (Volvo)	-	Volvo LF22/LR22
	Model (ZF)	-	MT-L3105/3095
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-200

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LB-20110	31Y2-02860
Boom cylinder (right)	31LB-20120	31Y2-02860
Bucket cylinder (STD)	31LB-20010	31Y2-02970
Bucket cylinder (XTD)	31LB-20370	31Y2-02970
Steering cylinder (left)	31LB-30010	31Y2-08270
Steering cylinder (right)	31LB-30020	31Y2-08270

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		11NA-70110	500
Fuel		3973232/3	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		11LB-70010	500
Prefilter		11LB-70030	500
Hydraulic	Return	-#0262 31L1-4041	250
		-#1970 31LH-60070	1000
		#1971- 31LH-60071	1000
	Pilot	-#0262 31E3-0018	250
		#0263- 31MH-20320	1000
	Air breather	31EH-00480	250
	Brake	31L1-0139	250 (clean)
Air cleaner	Inner	14L1-01570	As required
	Outer	14L1-01560	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		23 (6.1)	500
Fuel		430 (114)	-
Hydraulic oil	Tank	200 (52.8)	* ¹ 2000 * ² 5000
	System	320 (85)	-
Transmission		50 (13.2)	1000
Volvo axle (front / rear)		78/53 (20.6/14.0)	1500
ZF axle (front / rear)		51/43 (13.5/11.4)	1500
Coolant		56 (14.8)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028/BG	-#0232/#0233-
Tooth (right)	61L1-3029/BG	-#0232/#0233-
Tooth (center)	61L1-3022/BG	-#0232/#0233-
Cutting edge (left, right)	61LB-00370/BG	-#0232/#0233-
Cutting edge (center)	61LB-00360/BG	-#0232/#0233-

※ The part numbers are only reference.

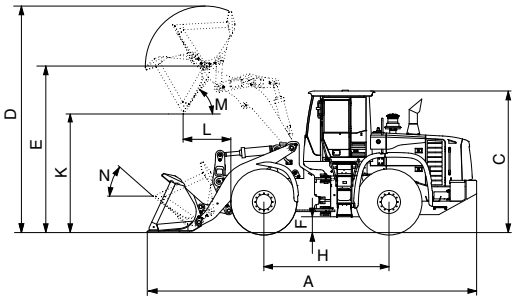
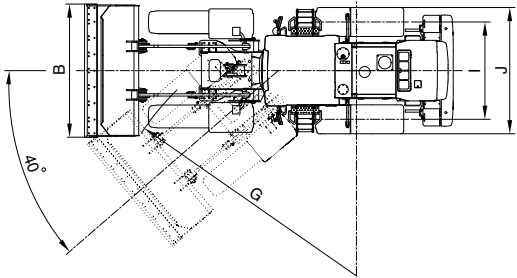
HL770-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	23.1 (50930)
	Bucket capacity	m ³ (yd ³)	4.2 (5.5)
	Overall length	A mm (ft-in)	8700 (28' 7")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3560 (11' 8")
	Overall height (bucket raised)	D mm (ft-in)	5890 (19' 4")
	Overall height (bucket pivot pin)	E mm (ft-in)	4310 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6090 (20' 0")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	284/2000
Maximum torque (at 1400 rpm)		kgf·m (lbf·ft)	148 (1070)
Displacement		cc (cu in)	8900 (543)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.3 (7.7)
	3rd	km/h (mph)	26.9 (16.8)
	4th	km/h (mph)	41.0 (25.5)
	Travel speed - Reverse 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.3 (7.7)
	3rd	km/h (mph)	26.9 (16.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	21740 (47930)
	Dump clearance at 45°	K mm (ft-in)	3090 (10' 2")
	reach (full lift)	L mm (ft-in)	1295 (4' 3")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.4
lower	sec	2.8	
Bucket dump	sec	1.3	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL770-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	110+61
	Rated oil flow	lpm (U.S. gpm)	220+122 (58.1+32.2)
Fan + Brake pump	Capacity	cc/rev	22.4+11.9
	Rated oil flow	lpm (U.S. gpm)	44.8+23.8 (11.8+6.3)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	185
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	MT-L3105 II/3095 II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-200

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left) -#0554	31LK-20010	31Y2-11420
#0555-	31LK-20011	31Y2-11420
CHANGZHOU #0708-	31LK-20011C	31Y2-11420
SHPAC #0708-	31LK-20011E	XKCC-03057
Boom cylinder (right) -#0554	31LK-20020	31Y2-11420
#0555-	31LK-20021	31Y2-11420
CHANGZHOU #0708-	31LK-20021C	31Y2-11420
SHPAC #0708-	31LK-20021E	XKCC-03057
Bucket cylinder (STD) -#0465	31LK-20031	31Y2-11590
-#0594	31LK-20032	31Y2-11590
#0595-	31LK-20033	31Y2-11590
CHANGZHOU #0708-	31LK-20033C	31Y2-11590
SHPAC #0708-	31LK-20033E	XKCC-03073
Bucket cylinder (XTD) -#0465	31LK-20530	31Y2-11590
-#0594	31LK-20531	31Y2-11590
#0595-	31LK-20532	31Y2-11590
CHANGZHOU #0708-	31LK-20532C	31Y2-11590
SHPAC #0708-	31LK-20532E	XKCC-03073
Steering cylinder (left)	31LK-30030	XKCD-02687
Steering cylinder (right)	31LK-30020	XKCD-02687

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)	
Engine oil		3401544	500	
Fuel		3973232	500	
Transmission oil		ZGAQ-02400	1000	
Coolant filter		3100307	500	
Prefilter		3973233	500	
Hydraulic	Return	-#0383	31N4-01460	1000
		#0384-	31N4-01461	1000
	Pilot		31LM-10310	1000
	Air breather		31EH-00480	250
	Brake	-#0544	31LM-40090	1000
		-#0545 -0618	31L1-013P	250 (clean)
	-#0619	31QF-50080	250 (clean)	
Air cleaner	Inner		11Q8-20120	As required
	Outer		11Q8-20130	* ¹ 500 (clean)
Air conditioner	Inner		11N6-90770	As required
	Outer	-#0239	71LB-00290	* ¹ 250 (clean)
		#0240-	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)	
Engine oil		23 (6.1)	500	
Fuel		-#0051	457 (120.7)	-
		#0052-	390 (103)	-
Hydraulic oil	Tank		200 (52.8)	* ¹ 2000 * ² 5000
	System		320 (85)	-
Transmission			43 (11.4)	1000
Axle (front / rear)			51/43 (13.5/11.4)	1500
Coolant			56 (14.8)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

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Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LK-00370	-#0693
	61LK-00371	#0694-
Cutting edge (center)	61LK-00360	-#0693
	61LK-00361	#0694-

※ The part numbers are only reference.

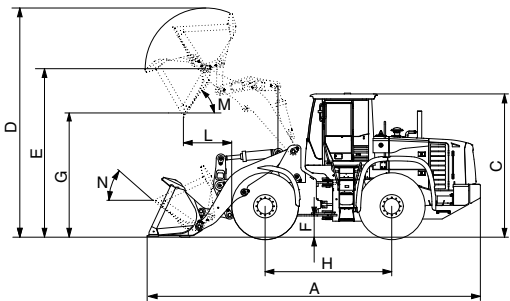
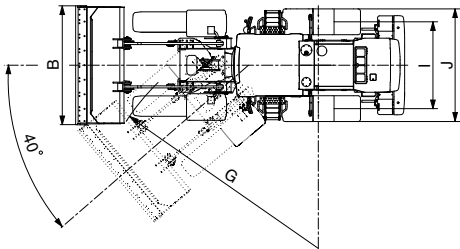
HL770-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	23.5 (51810)
	Bucket capacity	m ³ (yd ³)	4.2 (5.5)
	Overall length	A mm (ft-in)	8700 (28' 7")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	5890 (19' 4")
	Overall height (bucket pivot pin)	E mm (ft-in)	4310 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6090 (20' 0")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	304/2000
Maximum torque (at 1400 rpm)		kgf·m (lbf·ft)	148 (1070)
Displacement		cc (cu in)	8900 (543)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	27.6 (17.1)
	4th	km/h (mph)	42.0 (26.1)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	27.6 (17.1)
	Gradeability	degree	30
	Breakout force	kg (lb)	21740 (47930)
	Dump clearance at 45°	K mm (ft-in)	3090 (10' 2")
	reach (full lift)	L mm (ft-in)	1295 (4' 3")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.4
lower	sec	2.8	
Bucket dump	sec	1.3	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL770-9A

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	110+61
	Rated oil flow	lpm (U.S. gpm)	220+122 (58.1+32.2)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	56 (14.8)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	185
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	MT-L3105II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-200

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left) -#0122	31LK-20010	31Y2-11420
#0123-	31LK-20011	31Y2-11420
Boom cylinder (right) -#0122	31LK-20020	31Y2-11420
#0123-	31LK-20021	31Y2-11420
Bucket cylinder (STD) -#0049	31LK-20031	31Y2-11590
-#0209	31LK-20032	31Y2-11590
#0210-	31LK-20033	31Y2-11590
Bucket cylinder (XTD) -#0049	31LK-20530	31Y2-11590
-#0209	31LK-20531	31Y2-11590
#0210-	31LK-20532	31Y2-11590
Steering cylinder (left)	31LK-30030	XKCD-02687
Steering cylinder (right)	31LK-30020	XKCD-02687

※ The part numbers are only reference.

HL770-9A

Filter

Description		Part No.	Service interval (hr)
Engine oil		3401544	500
Fuel		3973232/3	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		3100307	500
Prefilter		11LB-70030	500
Hydraulic	Return	-#0020 31N4-01460	1000
		#0021- 31N4-01461	1000
	Pilot	31LM-10310	1000
	Air breather	31EH-00480	250
Air cleaner	Inner	-#0119 11LL-45190	As required
		#0120- 11Q9-10190	As required
	Outer	-#0119 11LL-45181	* ¹ 1000 (clean)
		#0120-0253 11Q9-10180	* ¹ 1000 (clean)
		#0254- 11Q9-10181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		23 (6.1)	500
Fuel		390 (103)	-
Hydraulic oil	Tank	200 (52.9)	* ¹ 2000 * ² 5000
	System	320 (85)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		51/40 (13.5/10.6)	1500
Coolant		54 (14.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LK-00370	
Cutting edge (center)	61LK-00360	

※ The part numbers are only reference.

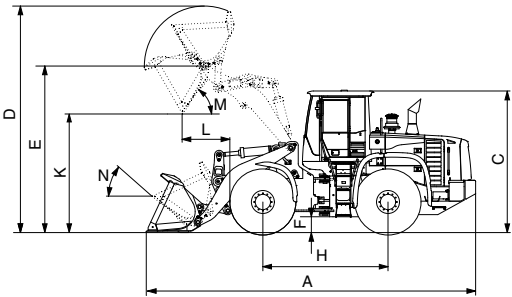
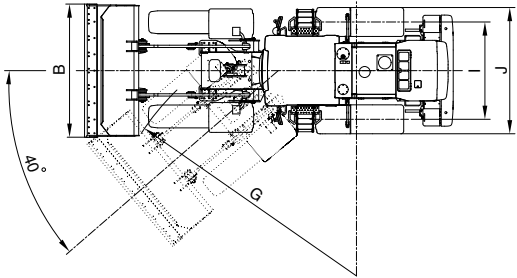
HL770-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	22.5 (49600)
	Bucket capacity	m ³ (yd ³)	4.0 (5.2)
	Overall length	A mm (ft-in)	8650 (28' 5")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	5870 (19' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4310 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6090 (20' 0")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
Engine	Model	-	Cummins QSL
	Rated horse power (Gross)	ps/rpm	284/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	148 (1070)
	Displacement	cc (cu in)	8900 (543)
Performance	Travel speed - Forward 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	25.8 (16.0)
	4th	km/h (mph)	38.0 (23.6)
	Travel speed - Reverse 1st	km/h (mph)	6.9 (4.3)
	2nd	km/h (mph)	12.1 (7.5)
	3rd	km/h (mph)	25.8 (16.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	20760 (45770)
	Dump clearance at 45°	K mm (ft-in)	3117 (10' 3")
	reach (full lift)	L mm (ft-in)	1254 (4' 1")
	angle	M degree	48
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.7
lower	sec	2.7	
Bucket dump	sec	1.4	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL770-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	137.5+79.3
	Rated oil flow	lpm (U.S. gpm)	251+145 (66.3+38.3)
Fan + Brake pump	Capacity	cc/rev	22.4+11.9
	Rated oil flow	lpm (U.S. gpm)	44.8+23.8 (11.8+6.3)
	Operating pressure	kgf/cm ² (psi)	150 (2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	MT-L3105II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-200

HL770-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LK-20510	31Y2-02860
SHPAC #0747-	31LK-20510E	XKCC-02477
Boom cylinder (right)	31LK-20520	31Y2-02860
SHPAC #0747-	31LK-20520E	XKCC-02477
Bucket cylinder (STD)	31LK-20541	31Y2-02970
CHANGZHOU #0747-	31LK-20541C	31Y2-02970
Bucket cylinder (XTD)	31LK-21540	31Y2-02970
CHANGZHOU #0747-	31LK-21540C	31Y2-02970
Steering cylinder (left)	31LK-31010	31Y2-08270
Steering cylinder (right)	31LK-31020	31Y2-08270

※ The part numbers are only reference.

HL770-9S

Filter

Description		Part No.	Service interval (hr)	
Engine oil		3401544	500	
Fuel		3973232/3	500	
Transmission oil		ZGAQ-02400	1000	
Coolant filter		3100307	500	
Prefilter		11NA-72011	500	
Hydraulic	Return	-#0157	31LK-69010	250
		-#0342	31LK-69011	250
		#0343-	31LK-69012	250
	Pilot		31E3-0018	250
	Air breather		31EH-00480	250
	Brake	-#0494	31L1-0139	250 (clean)
	#0495-	31FQ-50080		
Air cleaner	Inner		11Q8-20120	As required
	Outer		11Q8-20130	* ¹ 500 (clean)
Air conditioner	Inner		11N6-90770	As required
	Outer		71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		23 (6.1)	500
Fuel		362 (95.6)	-
Hydraulic oil	Tank System	185 (48.9)	* ¹ 2000 * ² 5000
		275 (72.6)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		51/40 (13.5/10.6)	1500
Coolant		56 (14.8)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L1-3028GG	
Tooth (right)	61L1-3029GG	
Tooth (center)	61L1-3022GG	
Cutting edge (left, right)	61LB-00370GG	
Cutting edge (center)	61LB-00360GG	

※ The part numbers are only reference.

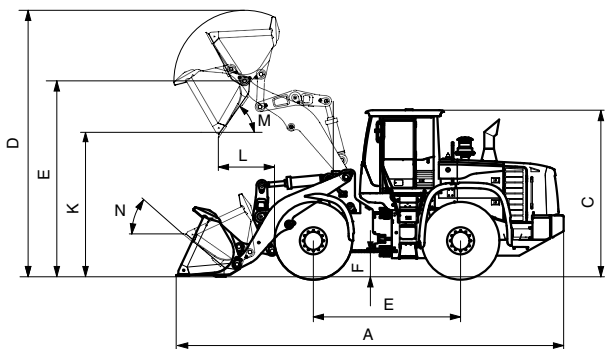
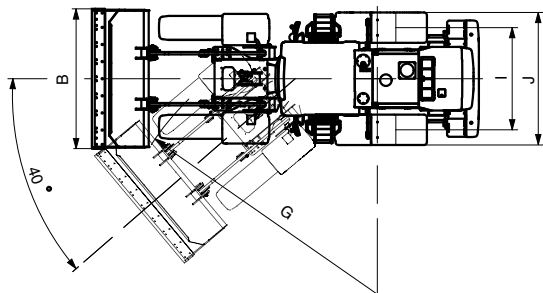
HL775-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	24.2 (53285)
	Bucket capacity	m ³ (yd ³)	4.7 (6.1)
	Overall length	A mm (ft-in)	9490 (29' 8")
	Overall width	B mm (ft-in)	3250 (10' 8")
	Overall height	C mm (ft-in)	3600 (11' 10")
	Overall height (bucket raised)	D mm (ft-in)	6005 (' ")
	Overall height (bucket pivot pin)	E mm (ft-in)	4305 (14' ")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6095 (19' 11")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2981 (9' 9")
Engine	Model	-	Cummins QSM11
	Rated horse power (Gross)	ps/rpm	304/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	161 (1165)
	Displacement	cc (cu in)	10800 (659)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.3 (7.6)
	3rd	km/h (mph)	25.8 (16.0)
	4th	km/h (mph)	37.0 (23.0)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	12.3 (7.6)
	3rd	km/h (mph)	25.8 (16.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	19120 (42155)
	Dump clearance at 45°	K mm (ft-in)	3040 (9' 11")
	reach (full lift)	L mm (ft-in)	1330 (4' 4")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.9
lower	sec	2.6	
Bucket dump	sec	1.3	
Tire	Spec	-	26.5-25,20PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL775-9S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	134+72.6
	Rated oil flow	lpm (U.S. gpm)	257+140 (67.9+36.8)
Fan + Brake pump	Capacity	cc/rev	28
	Operating pressure	kgf/cm ² (psi)	250 (3556)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	MT-L3105II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-200

HL775-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LM-21010	31Y2-06260
CHANGZHOU #0255-	31LM-21010C	31Y2-06260
SHPAC #0255-	31LM-21010E	XKCC-02894
Boom cylinder (right)	31LM-21020	31Y2-06260
CHANGZHOU #0255-	31LM-21020C	31Y2-06260
SHPAC #0255-	31LM-21020E	XKCC-02894
Bucket cylinder (STD)	31LM-21031	31Y2-07430
CHANGZHOU #0255-	31LM-21031C	31Y2-07430
SHPAC #0255-	31LM-21031E	XKCC-02911
Bucket cylinder (XTD)	31LM-21530	31Y2-07430
CHANGZHOU #0255-	31LK-21540C	31Y2-07430
SHPAC #0255-	31LM-21530E	XKCC-02911
Steering cylinder (left)	31LM-31011	31Y2-10430
Steering cylinder (right)	31LM-31021	31Y2-10430

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)	
Engine oil		4907549	250	
Fuel		YUBP-05256	500	
Transmission oil		ZGAQ-02400	1000	
Coolant filter		YUBP-04819	500	
Prefilter		11KB-50140	500	
Hydraulic	Return	-#0036 #0037-	31LK-69012 31RF-10100	250 1000
	Pilot		31E3-0018	250
	Air breather		31EH-00480	1000
Air cleaner	Inner	11LQ-40120	As required	
	Outer	11LQ-40110	* ¹ 500 (clean)	
Air conditioner	Inner	11N6-90770	As required	
	Outer	71LM-00290	* ¹ 250 (clean)	

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		34 (9.0)	250
Fuel		362 (95.6)	-
Hydraulic oil	Tank	185 (48.9)	* ¹ 2000 * ² 5000
	System	295 (77.9)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		51/51 (13.5/13.5)	1500
Coolant		46 (12.1)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L3-0170GG	
Tooth (right)	61L3-0171GG	
Tooth (center)	61L3-0169GG	
Cutting edge (left, right)	61LD-00370GG	
Cutting edge (center)	61LD-00360GG	

※ The part numbers are only reference.

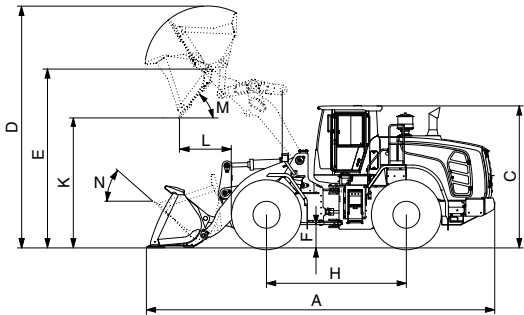
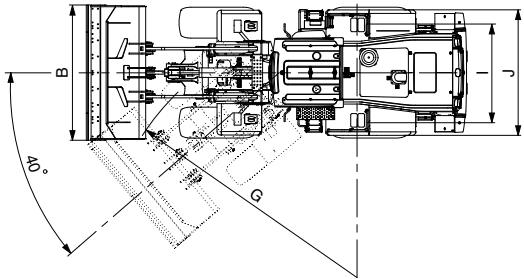
HL970

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	23.5 (51810)
	Bucket capacity	m ³ (yd ³)	4.2 (5.5)
	Overall length	A mm (ft-in)	8740 (28' 8")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	5880 (19' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4330 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6100 (20' 0")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
Engine	Model	-	Scania DC09
	Rated horse power (Gross)	ps/rpm	311/2100
	Maximum torque (at 1200 rpm)	kgf·m (lbf·ft)	174 (1259)
	Displacement	cc (cu in)	9300 (568)
Performance	Travel speed - Forward 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	27.2 (16.9)
	4th	km/h (mph)	40.0 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.3 (4.5)
	2nd	km/h (mph)	12.2 (7.6)
	3rd	km/h (mph)	27.2 (16.9)
	Gradeability	degree	30
	Breakout force	kg (lb)	21720 (47880)
	Dump clearance at 45°	K mm (ft-in)	3080 (10' 1")
	reach (full lift)	L mm (ft-in)	1270 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.7
lower	sec	3.1	
Bucket dump	sec	1.4	
Tire	Spec	-	26.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL970

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	110+61
	Rated oil flow	lpm (U.S. gpm)	208+115 (54.9+30.4)
	Operating pressure	kgf/cm ² (psi)	210+280 (2990+3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	63 (16.6)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	185
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 260/ZF 5WG 260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3105II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-200

* Bucket dump

HL970

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WF-20012	31Y2-11420
CHANGZHOU #0234-	31WF-20012C	31Y2-11420
SHPAC #0234-	31WF-20012E	XKCC-02976
Boom cylinder (right)	31WF-20022	31Y2-11420
CHANGZHOU #0234-	31WF-20022C	31Y2-11420
SHPAC #0234-	31WF-20022E	XKCC-02976
Bucket cylinder (STD)	#0012 31WF-20032	31Y2-11590
	#0013- 31WF-20033	31Y2-11590
CHANGZHOU #0234-	31WF-20033C	31Y2-11240
SHPAC #0234-	31WF-20033E	31Y2-11240
Bucket cylinder (XT)	#0012 31WF-20531	31Y2-11590
	#0013- 31WF-20532	31Y2-11590
CHANGZHOU #0234-	31WF-20532C	31Y2-11240
SHPAC #0234-	31WF-20532E	31Y2-11240
Steering cylinder (left)	#0004 31LK-30030	XKCD-02687
	#0005- 31WF-30520	XKCD-02687
Steering cylinder (right)	#0004 31LK-30020	XKCD-02687
	#0005- 31WF-30530	XKCD-02687

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		ZSAE-00002* ²	500
Fuel		ZSAE-00001* ²	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		11NA-72011	-
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00140	1000
Air cleaner	Inner	11LL-45190	As required
	Outer -#0004	11LL-45180	* ¹ 1000 (clean)
	#0005-	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings. *² Filter kit

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		36 (9.5)	500
Fuel		365 (96.4)	-
DEF/AdBlue®		45 (11.9)	-
Hydraulic oil	Tank	152 (40.2)	* ¹ 2000 * ² 5000
	System	276 (72.9)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		51/40 (13.5/10.6)	1500
Coolant		48 (12.7)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	64L1-01210GG	
Tooth (right)	64L1-01220GG	
Tooth (center)	64L1-01200GG	
Cutting edge (left, right)	61LK-00370	-#0142
	61LK-00371	#0143-
Cutting edge (center)	61LK-00360	-#0142
	61LK-00361	#0143-

※ The part numbers are only reference.

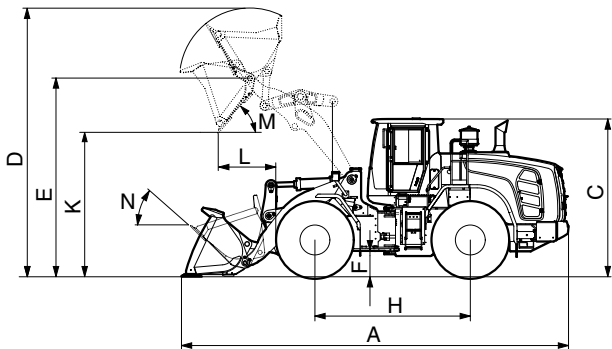
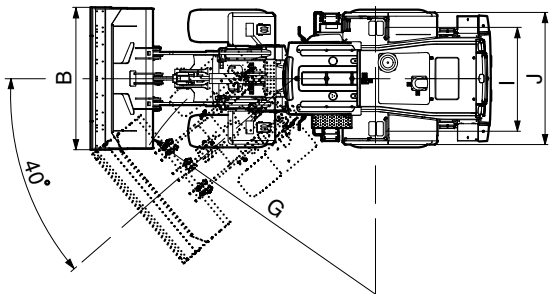
HL970A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	24.2 (53355)
	Bucket capacity	m ³ (yd ³)	4.2 (5.5)
	Overall length	A mm (ft-in)	8740 (28' 8")
	Overall width	B mm (ft-in)	3100 (10' 2")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	5970 (19' 7")
	Overall height (bucket pivot pin)	E mm (ft-in)	4325 (14' 2")
	Ground clearance	F mm (ft-in)	480 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6090 (20' 0")
	Wheel base	H mm (ft-in)	3500 (11' 6")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2980 (9' 9")
Engine	Model	-	Cummins L9
	Rated horse power (Gross)	hp/rpm	325/2100
	Maximum torque (at 1100 rpm)	kgf·m (lbf·ft)	167 (1207)
	Displacement	cc (cu in)	8900 (543)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	27.8 (17.3)
	4th	km/h (mph)	40.0 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	12.5 (7.8)
	3rd	km/h (mph)	27.8 (17.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	21715 (47875)
	Dump clearance at 45°	K mm (ft-in)	3080 (10' 1")
	reach (full lift)	L mm (ft-in)	1270 (4' 2")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Lift (with load)	sec	6.0
Lower (empty)	sec	4.3	
Dump (with load)	sec	1.5	
Tire	Spec	-	23.5 R25, **, L3
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL970A

Major component

Description		Unit	Specification
Main pump	Capacity (steering/loader)	cc/rev	110/61
	Rated oil flow (steering/loader)	lpm (U.S. gpm)	242 (63.9)/134 (35.4)
	Operating pressure (steering/loader)	kgf/cm ² (psi)	210 (2990) / 280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	62 (16.3)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Steering unit	Capacity	cc/rev	185
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG 260
	Main pressure	bar (psi)	16+2 (232+29.0)
	Converter back pressure	bar (psi)	4.3 (62.4)
	Clutch pressure	bar (psi)	16+2 (232+29.0)
	Lubricating pressure	bar (psi)	3 (43)
Axle	Model	-	ZF MT-L3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-200

*Bucket dump

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder* ¹	LH	35WF-20010E	XKCC-04303
	RH	35WF-20020E	XKCC-04303
Bucket cylinder* ¹	LH	35WF-20030E	XKCC-03073
	RH	35WF-20530E	XKCC-03073
Steering cylinder	LH	31WF-30520	XKCD-02687
	RH	31WF-30530	XKCD-02687

※ The part numbers are only reference.

*¹ SHPAC *² CHINA

HL970A

Filter

Description		Part No.	Service interval (hr)
Engine oil		XKBC-00127	1000
Fuel		11Q7-71010	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-72040	1000
Hydraulic	Return	31RF-10450	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00140	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	11K6-71170	2000
	Supply module	YUBP-10464	4500
Air cleaner	Inner	11LL-45190	2000
	Outer	11LL-45181	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 2000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		23 (6.1)	800
Fuel		365 (96.4)	-
DEF/AdBlue®		44.5 (11.8)	-
Hydraulic oil	Tank	152 (40.2)	* ¹ * ² 2000 * ³ 5000
	System	276 (72.9)	-
Transmission		53 (14)	1000
Axle (front / rear)		42/42 (11.1/11.1)	1500
Coolant		47 (12.4)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LK-00371	
Cutting edge (center)	61LK-00361	

※ The part numbers are only reference.

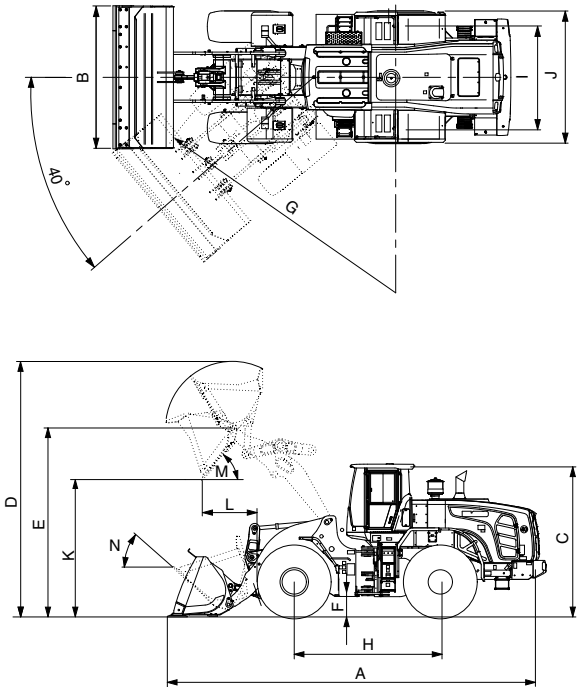
HL975

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	26.5 (58430)
	Bucket capacity	m ³ (yd ³)	4.8 (6.3)
	Overall length	A mm (ft-in)	9205 (30' 2")
	Overall width	B mm (ft-in)	3250 (10' 8")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	-
	Overall height (bucket pivot pin)	E mm (ft-in)	-
	Ground clearance	F mm (ft-in)	460 (1' 6")
	Min turning radius (center of outside tire)	G mm (ft-in)	6180 (20' 3")
	Wheel base	H mm (ft-in)	3550 (11' 8")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
Engine	Model	-	Cummins QSG12
	Rated horse power (Gross)	ps/rpm	335/2100
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	180 (1302)
	Displacement	cc (cu in)	11800 (720)
Performance	Travel speed - Forward 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	24.6 (15.3)
	4th	km/h (mph)	36.5 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.6 (4.1)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	24.6 (15.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	23435 (51670)
	Dump clearance at 45°	K mm (ft-in)	3120 (10' 3")
	reach (full lift)	L mm (ft-in)	1335 (4' 5")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	5.9
lower	sec	3.9	
Bucket dump	sec	1.7	
Tire	Spec	-	26.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL975

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	110+74
	Rated oil flow	lpm (U.S. gpm)	211+142 (55.7+37.5)
	Operating pressure	kgf/cm ² (psi)	210+280 (2990+3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	80 (21.1)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	185
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 260/ZF 5WG 260
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3105II/3095II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-220

*Bucket dump

HL975

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WG-20011	-
Boom cylinder (right)	31WG-20021	-
Bucket cylinder (STD) -#0006	31WG-20031	-
#0007-	31WG-20032	-
Bucket cylinder (XT) -#0006	31WG-20531	-
#0007-	31WG-20532	-
Steering cylinder (left)	31WG-30521	-
Steering cylinder (right)	31WG-30530	-

※ The part numbers are only reference.

HL975

Filter

Description		Part No.	Service interval (hr)
Engine oil		3889310	500
Fuel		3689131	500
Transmission oil		ZGAQ-02400	1000
Prefilter		11KA-71040	500
Hydraulic	Return	31N8-01511	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00140	1000
Air cleaner	Inner	11ND-20230	As required
	Outer	11ND-20240	* ¹ 1000 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		34 (9.0)	500
Fuel		400 (105.7)	-
DEF/AdBlue®		56.8 (15.0)	-
Hydraulic oil	Tank	166 (43.9)	* ¹ 2000 * ² 5000
	System	300 (79.3)	-
Transmission		45 (11.9)	1000
Axle (front / rear)		62/42 (16.4/11.1)	1500
Coolant		46 (12.1)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	64L1-01210GG	
Tooth (right)	64L1-01220GG	
Tooth (center)	64L1-01200GG	
Cutting edge (left, right)	61LK-00370	-#0004
	61LK-00371	#0005-
Cutting edge (center)	61LK-02050	-#0004
	61LK-02051	#0005-

※ The part numbers are only reference.

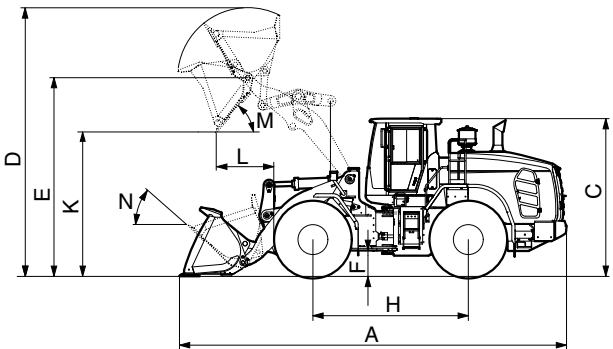
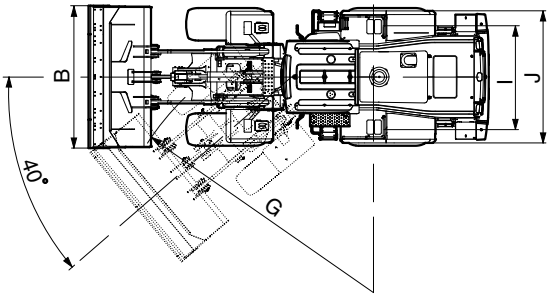
HL975A CVT

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	26.5 (58430)
	Bucket capacity	m ³ (yd ³)	4.8 (6.3)
	Overall length	A mm (ft-in)	9205 (30' 2")
	Overall width	B mm (ft-in)	3250 (10' 8")
	Overall height	C mm (ft-in)	3590 (11' 9")
	Overall height (bucket raised)	D mm (ft-in)	6090 (20' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	4425 (14' 6")
	Ground clearance	F mm (ft-in)	460 (1' 6")
	Min turning radius (center of outside tire)	G mm (ft-in)	6180 (20' 3")
	Wheel base	H mm (ft-in)	3550 (11' 8")
	Tread	I mm (ft-in)	2300 (7' 7")
	Width of tires	J mm (ft-in)	2975 (9' 9")
Engine	Model	-	Cummins X12
	Rated horse power (Gross)	hp/rpm	335/2100
	Maximum torque (at 1700 rpm)	kgf·m (lbf·ft)	180 (1302)
	Displacement	ℓ (cu in)	11.8 (720)
Performance	Travel speed - Forward 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	26.0 (16.1)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	7.0 (4.3)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	26.0 (16.1)
	4th	km/h (mph)	36.0 (22.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	23435 (51670)
	Dump clearance at 45°	K mm (ft-in)	3120 (10' 3")
	reach (full lift)	L mm (ft-in)	1335 (4' 5")
	angle	M degree	48
	Roll back angle (carry position)	N degree	48
Lift (with load)	sec	6.5	
Lower (empty)	sec	4.4	
Dump (with load)	sec	1.9	
Tire	Spec	-	26.5 R25, **, L3
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL975A CVT

Major component

Description		Unit	Specification
Main pump	Capacity (steering/loader)	cc/rev	110/74
	Rated oil flow (steering/loader)	lpm (U.S. gpm)	216 (57.1)/160 (42.3)
	Operating pressure (steering/loader)	kgf/cm ² (psi)	210 (2990) / 280 (3980)
Fan + Brake pump	Capacity	cc/rev	28
	Rated oil flow	lpm (U.S. gpm)	50 (13.2)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Steering unit	Capacity	cc/rev	200
	Relief pressure	kgf/cm ² (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF CP 290
	Main pressure	bar (psi)	20+2.5 (290+36.3)
	Converter back pressure	bar (psi)	4.3+3 (62.4+43.5)
	Clutch pressure	bar (psi)	20 (290)
	Lubricating pressure	bar (psi)	4.5 (65.3)
Axle	Model	-	ZF MT-L3115II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-220

*Bucket dump

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder	LH	31WG-20011EGG	XKCD-03372
	RH	31WG-20021EGG	XKCD-03372
Bucket cylinder	LH	31WG-20033EGG	XKCD-03372
	RH	31WG-20533EGG	XKCD-03372
Steering cylinder	LH	31WG-30521	XKCC-04348
	RH	31WG-30530	XKCC-04348

※ The part numbers are only reference.

HL975A CVT

Filter

Description		Part No.	Service interval (hr)
Engine oil		YUBP-12628	500
Fuel		YUBP-12619	500
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-73040	500
Hydraulic	Return	31RF-10450	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00140	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	11K6-71170	2000
	Supply module	YUBP-10464	4500
Air cleaner	Inner	11ND-20230	2000
	Outer	11ND-20240	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 1000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		34 (9.0)	500
Fuel		400 (106)	-
DEF/AdBlue®		44.5 (11.8)	-
Hydraulic oil	Tank	166 (43.9)	* ¹ * ² 2000 * ³ 5000
	System	300 (79.3)	-
Transmission		62 (16.4)	1000
Axle (front / rear)		62/42 (16.4/11.1)	1500
Coolant		45.5 (12.0)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LK-00371	
Cutting edge (center)	61LK-02051	

※ The part numbers are only reference.

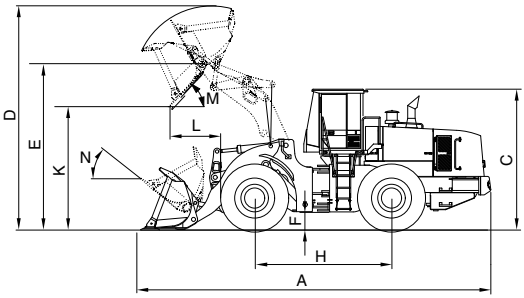
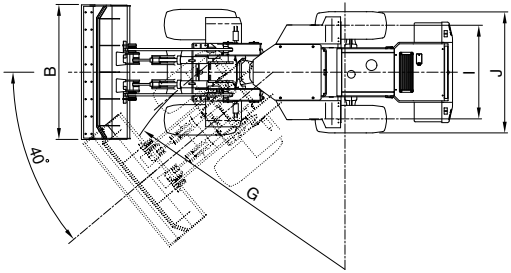
HL780-7A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	29.3 (64600)
	Bucket capacity	m ³ (yd ³)	5.1 (6.7)
	Overall length	A mm (ft-in)	9440 (31' 0")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3805 (12' 6")
	Overall height (bucket raised)	D mm (ft-in)	6160 (20' 3")
	Overall height (bucket pivot pin)	E mm (ft-in)	4510 (14' 10")
	Ground clearance	F mm (ft-in)	475 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6430 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3220 (10' 7")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	340/2000
Maximum torque (at 1400 rpm)		kgf·m (lbf·ft)	171 (1235)
Displacement		cc (cu in)	10800 (659)
Performance	Travel speed - Forward 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	17.6 (11.0)
	4th	km/h (mph)	34.4 (21.4)
	Travel speed - Reverse 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	23.8 (14.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	24820 (54720)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1365 (4' 6")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	6.4
lower	sec	3.0	
Bucket dump	sec	1.4	
Tire	Spec	-	29.5-25,22PR (L3)
	Air pressure	kgf/cm ² (psi)	3.3 (47)

※ Specifications are based on the standard machine.

Dimension



HL780-7A

Major component

Description		Unit	Specification
Main + brake pump	Capacity	cc/rev	113.5+15.9
	Rated oil flow	lpm (U.S. gpm)	212+30 (56.0+7.9)
Steering + Brake pump	Capacity	cc/rev	137.5+24.9
	Rated oil flow	lpm (U.S. gpm)	270+49 (71.3+12.9)
	Operating pressure	kgf/cm ² (psi)	210+140 (2990+1990)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	65 (929)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF AP-420R
	Differential type (front)	-	Limited slip
	Differential type (rear)	-	Limited slip
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-200

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LH-20010	31Y2-03180
Boom cylinder (right)	31LH-20020	31Y2-03180
Bucket cylinder (left, STD)	31LH-20030	31Y2-03400
Bucket cylinder (left, XTD)	31LH-20240	31Y2-03400
Bucket cylinder (right, STD)	31LH-20040	31Y2-03400
Bucket cylinder (right, XTD)	31LH-20250	31Y2-03400
Steering cylinder (left)	31LH-30080	31Y2-03580
Steering cylinder (right)	31LH-30090	31Y2-03580

※ The part numbers are only reference.

HL780-7A

Filter

Description		Part No.	Service interval (hr)
Engine oil		11NB-70110	250
Fuel		11NB-70010	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		11NB-70210	500
Hydraulic	Return	-#0145 31L1-4041	250
		-#0407 31LH-60070	1000
		-#0654 31LD-60070	1000
		#0655- 31LD-60071	1000
	Pilot	-#0145 31E3-0018	250
		#0146- 31MH-20320	1000
	Air breather	31EH-00480	250
Brake	31L1-0139	250 (clean)	
Air cleaner	Inner	-#0448 11L6-01880-AS	As required
		#0449- 11LQ-40120	As required
	Outer	-#0448 11L6-01870-AS	* ¹ 500 (clean)
		#0449- 11LQ-40110	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LB-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		38 (10.0)	250
Fuel		470 (124)	-
Hydraulic oil	Tank	210 (55.5)	* ¹ 2000 * ² 5000
	System	340 (90)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		60/60 (15.9/15.9)	1000
Coolant		65 (17.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L6-00780HN/BG	-#0136/#0137-
Tooth (right)	61L6-00790HN/BG	-#0136/#0137-
Tooth (center)	61L6-00770HN/BG	-#0136/#0137-
Cutting edge (left, right)	61L6-00311HN/BG	-#0136/#0137-
Cutting edge (center)	61L6-00302HN/BG	-#0136/#0137-

※ The part numbers are only reference.

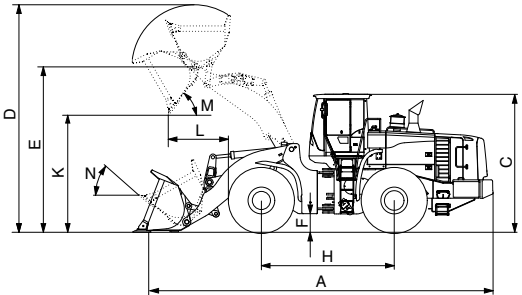
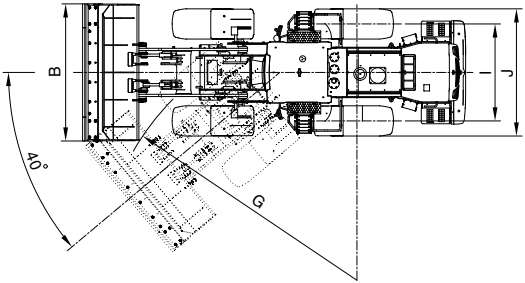
HL780-9

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	30.0 (66100)
	Bucket capacity	m ³ (yd ³)	5.4 (7.1)
	Overall length	A mm (ft-in)	9630 (31' 7")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3865 (12' 8")
	Overall height (bucket raised)	D mm (ft-in)	6295 (20' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	4560 (15' 0")
	Ground clearance	F mm (ft-in)	495 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6430 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3220 (10' 7")
Engine	Model	-	Cummins QSM11
	Rated horse power (Gross)	ps/rpm	353/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	171 (1237)
	Displacement	cc (cu in)	10800 (659)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	18.0 (11.2)
	4th	km/h (mph)	36.5 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.5 (7.2)
	3rd	km/h (mph)	25.0 (15.6)
	Gradeability	degree	30
	Breakout force	kg (lb)	23750 (52360)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1430 (4' 8")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	6.0
lower	sec	3.7	
Bucket dump	sec	1.4	
Tire	Spec	-	29.5-25,22PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL780-9

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	110+100
	Rated oil flow	lpm (U.S. gpm)	220+200 (58.1+52.8)
Fan + Brake pump	Capacity	cc/rev	26.7+26.4
	Rated oil flow	lpm (U.S. gpm)	53.4+52.8 (14.1+13.9)
	Operating pressure	kgf/cm ² (psi)	120+150 (1710+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	200
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3125/3115
	Differential type (front)	-	Hydraulic lock
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-220

*Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LQ-20010	31Y2-12150
CHINA #0319-	31LQ-20010C	31Y2-12150
SHPAC #0319-	31LQ-20010E	XKCC-03122
Boom cylinder (right)	31LQ-20020	31Y2-12150
CHINA #0319-	31LQ-20020C	31Y2-12150
SHPAC #0319-	31LQ-20020E	XKCC-03122

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Cylinder

Description	Assy part No.	Seal kit part No.
Bucket cylinder (left, STD) -#0225	31LQ-20031	31Y2-12320
-#0284/0285-	31LQ-20032/33	31Y2-12320
CHINA #0319-	31LQ-20033C	31Y2-12320
SHPAC #0319-	31LQ-20033E	XKCC-03184
Bucket cylinder (left, XTD) -#0225	31LQ-20530	31Y2-12320
-#0284/0285-	31LQ-20531/32	31Y2-12320
CHINA #0319-	31LQ-20532C	31Y2-12320
SHPAC #0319-	31LQ-20532E	XKCC-03184
Bucket cylinder (right, STD) -#0225	31LQ-20041	31Y2-12320
-#0284/0285-	31LQ-20042/43	31Y2-12320
CHINA #0319-	31LQ-20043C	31Y2-12320
SHPAC #0319-	31LQ-20043E	XKCC-03184
Bucket cylinder (right, XTD) -#0225	31LQ-20540	31Y2-12320
-#0284/0285-	31LQ-20541/42	31Y2-12320
CHINA #0319-	31LQ-20542C	31Y2-12320
SHPAC #0319-	31LQ-20542E	XKCC-03184
Bucket cylinder (left, short, marble)		
#0030-0079	31LQ-20630	31Y2-12320
#0080-0225	31LQ-20631	31Y2-12320
#0226-0284	31LQ-20632	31Y2-12320
#0285-	31LQ-20633	31Y2-12320
CHINA #0319-	31LQ-20633C	31Y2-12320
SHPAC #0319-	31LQ-20633E	XKCC-03184
Bucket cylinder (right, short, marble)		
#0030-0079	31LQ-20640	31Y2-12320
#0080-0225	31LQ-20641	31Y2-12320
#0226-0284	31LQ-20642	31Y2-12320
#0285-	31LQ-20643	31Y2-12320
CHINA #0319-	31LQ-20643C	31Y2-12320
SHPAC #0319-	31LQ-20643E	XKCC-03184
Steering cylinder (left)	31LQ-30090	XKCC-00285
Steering cylinder (right)	31LQ-30100	XKCC-00285
Steering cylinder (Marble,left) #0064-	31LQ-30170	XKCC-01217
Steering cylinder (Marble,right) #0064-	31LQ-30180	XKCC-01217

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3101869	250
Fuel		3329289	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		3100308	500
Hydraulic	Return -#0174	31LD-60070	1000
	#0175-	31LD-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EH-00480	250
	Brake -#0257	31LM-40090	1000
Air cleaner	Inner	11LQ-40120	As required
	Outer	11LQ-40110	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer -#0120	71LB-00290	* ¹ 250 (clean)
	#0121-	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		38 (10.0)	250
Fuel		450 (118.8)	-
Hydraulic oil	Tank	234 (61.8)	* ¹ 2000 * ² 5000
	System	344 (90.9)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		58/58 (15.3/15.3)	1500
Coolant		65 (17.2)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L6-00780BG	
Tooth (right)	61L6-00790BG	
Tooth (center)	61L6-00770BG	
Cutting edge (left, right)	61LQ-00311	
Cutting edge (center)	61LQ-00320	

※ The part numbers are only reference.

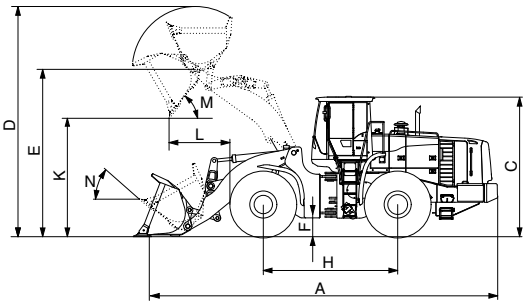
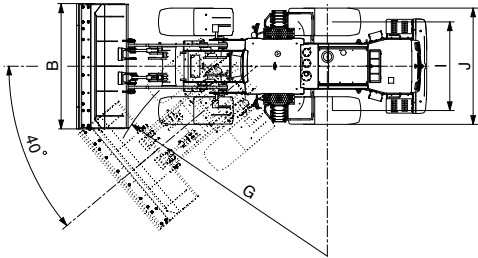
HL780-9A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	30.3 (66800)
	Bucket capacity	m ³ (yd ³)	5.4 (7.1)
	Overall length	A mm (ft-in)	9630 (31' 7")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3865 (12' 8")
	Overall height (bucket raised)	D mm (ft-in)	6295 (20' 8")
	Overall height (bucket pivot pin)	E mm (ft-in)	4560 (15' 0")
	Ground clearance	F mm (ft-in)	495 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6430 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3220 (10' 7")
Engine	Model	-	Cummins QSX11.9
	Rated horse power (Gross)	ps/rpm	360/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	173 (1250)
	Displacement	cc (cu in)	11900 (726)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	17.9 (11.1)
	4th	km/h (mph)	36.0 (22.4)
	Travel speed - Reverse 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	24.8 (15.4)
	Gradeability	degree	30
	Breakout force	kg (lb)	23750 (52360)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1430 (4' 8")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	6.1
lower	sec	4.1	
Bucket dump	sec	1.4	
Tire	Spec	-	29.5-25,22PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL780-9A

Major component

Description		Unit	Specification
Steering + Main pump	Capacity	cc/rev	110+100
	Rated oil flow	lpm (U.S. gpm)	220+200 (58.1+52.8)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan & Brake pump	Capacity	cc/rev	45
	Rated oil flow	lpm (U.S. gpm)	90 (23.8)
	Operating pressure	kgf/cm ² (psi)	250 (3560)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840) *310 (4410)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	200
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3125II/3115II
	Differential type (front)	-	Hydraulic lock
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-220

*Bucket dump

HL780-9A

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LQ-20010	31Y2-12150
Boom cylinder (right)	31LQ-20020	31Y2-12150
Bucket cylinder (left, STD) -#0019	31LQ-20031	31Y2-12320
-#0115	31LQ-20032	31Y2-12320
#0116-	31LQ-20033	31Y2-12320
Bucket cylinder (left, XTD) -#0019	31LQ-20530	31Y2-12320
-#0115	31LQ-20531	31Y2-12320
#0116-	31LQ-20532	31Y2-12320
Bucket cylinder (right, STD) -#0019	31LQ-20041	31Y2-12320
-#0115	31LQ-20042	31Y2-12320
#0116-	31LQ-20043	31Y2-12320
Bucket cylinder (right, XTD) -#0019	31LQ-20540	31Y2-12320
-#0115	31LQ-20541	31Y2-12320
#0116-	31LQ-20542	31Y2-12320
Bucket cylinder (left, short, marble)		
-#0019	31LQ-20631	31Y2-12320
-#0115	31LQ-20632	31Y2-12320
#0116-	31LQ-20633	31Y2-12320
Bucket cylinder (right, short, marble)		
-#0019	31LQ-20641	31Y2-12320
-#0115	31LQ-20642	31Y2-12320
#0116-	31LQ-20643	31Y2-12320
Steering cylinder (left)	31LQ-30090	XKCC-00285
Steering cylinder (right)	31LQ-30100	XKCC-00285

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		2882674	500
Fuel	-#75016834 #75016835-	11LQ-20990 11LQ-20991	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		11ND-70210	500
Hydraulic	Return	31LD-60071	1000
	Pilot	31LM-10310	1000
	Air breather	31EH-00480	250
Air cleaner	Inner	11LL-45190	As required
	Outer	11LL-45181	* ¹ 1000 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		43 (11.4)	500
Fuel		430 (113.6)	-
Hydraulic oil	Tank	234 (61.8)	* ¹ 2000 * ² 5000
	System	344 (90.9)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		58/58 (15.3/15.3)	1500
Coolant		67 (17.7)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L6-00780BG	
Tooth (right)	61L6-00790BG	
Tooth (center)	61L6-00770BG	
Cutting edge (left, right)	61LQ-00311	
Cutting edge (center)	61LQ-00320	

※ The part numbers are only reference.

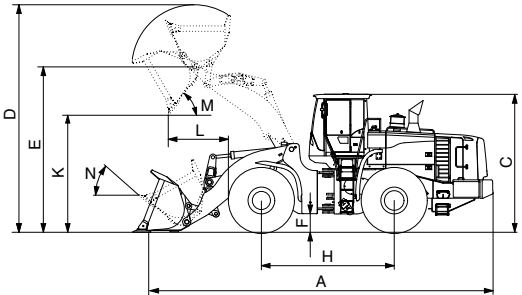
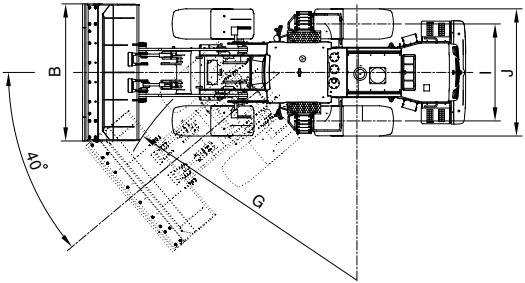
HL780-9S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	29.5 (65040)
	Bucket capacity	m ³ (yd ³)	5.1 (6.7)
	Overall length	A mm (ft-in)	9475 (31' 1")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3880 (12' 9")
	Overall height (bucket raised)	D mm (ft-in)	6160 (20' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4150 (13' 6")
	Ground clearance	F mm (ft-in)	495 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6430 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3220 (10' 7")
	Engine	Model	-
Rated horse power (Gross)		ps/rpm	353/2000
Maximum torque (at 1400 rpm)		kgf·m (lbf·ft)	171 (1237)
Displacement		cc (cu in)	10800 (659)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.5 (7.1)
	3rd	km/h (mph)	18.0 (11.2)
	4th	km/h (mph)	36.5 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.5 (7.1)
	3rd	km/h (mph)	25.0 (15.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	24820 (54720)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1365 (4' 6")
	angle	M degree	47
	Roll back angle (carry position)	N degree	48
	Boom raise	sec	6.7
lower	sec	3.0	
Bucket dump	sec	1.4	
Tire	Spec	-	29.5-25,22PR (L3)
	Air pressure	kgf/cm ² (psi)	3.5 (50)

※ Specifications are based on the standard machine.

Dimension



HL780-9S

Major component

Description		Unit	Specification
Main + Brake pump	Capacity	cc/rev	113.5+15.9
	Rated oil flow	lpm (U.S. gpm)	212+30 (56+7.9)
	Operating pressure	kgf/cm ² (psi)	210+150 (2990+2130)
Steering + Fan pump	Capacity	cc/rev	137.5+24.9
	Rated oil flow	lpm (U.S. gpm)	270+49 (71.3+12.9)
	Operating pressure	kgf/cm ² (psi)	210+140 (2990+1990)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3140)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3125 II/3115 II
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-220

HL780-9S

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LQ-21010	31Y2-03180
CHANGZHOU #0185-	31LQ-21010C	31Y2-03180
SHPAC #0185-	31LQ-21010E	XKCC-03151
Boom cylinder (right)	31LQ-21020	31Y2-03180
CHANGZHOU #0185-	31LQ-21020C	31Y2-03180
SHPAC #0185-	31LQ-21020E	XKCC-03151
Bucket cylinder (left, STD)	31LQ-21031	31Y2-03400
CHANGZHOU #0185-	31LQ-21031C	31Y2-03400
SHPAC #0185-	31LQ-21031E	XKCC-03157
Bucket cylinder (left, XTD)	31LQ-21531	31Y2-03400
CHANGZHOU #0185-	31LQ-21531C	31Y2-03400
SHPAC #0185-	31LQ-21531E	XKCC-03157
Bucket cylinder (right, STD)	31LQ-21041	31Y2-03400
CHANGZHOU #0185-	31LQ-21041C	31Y2-03400
SHPAC #0185-	31LQ-21041E	XKCC-03157
Bucket cylinder (right, XTD)	31LQ-21541	31Y2-03400
CHANGZHOU #0185-	31LQ-21541C	31Y2-03400
SHPAC #0185-	31LQ-21541E	XKCC-03157
Steering cylinder (left)	31LQ-30711	31Y2-03580
Steering cylinder (right)	31LQ-30721	31Y2-03580

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		3101869	250
Fuel		3329289	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		3100308	500
Hydraulic	Return -#0039	31LQ-60910	250
	-#0072	31LQ-60911	250
	#0073-	31LQ-60912	250
	Pilot	31E3-0018	250
	Air breather	31EH-00480	250
	Brake -#0106	31L1-0139	250 (clean)
	#0107-	31FQ-50080	250 (clean)
Air cleaner	Inner	11LQ-40120	As required
	Outer	11LQ-40110	* ¹ 500 (clean)
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		38 (10.0)	250
Fuel		450 (118.8)	-
Hydraulic oil	Tank	203 (53.6)	* ¹ 2000 * ² 5000
	System	336 (88.8)	-
Transmission		43 (11.4)	1000
Axle (front / rear)		58/58 (15.3/15.3)	1500
Coolant		65 (17.1)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L6-00780BG	
Tooth (right)	61L6-00790BG	
Tooth (center)	61L6-00770BG	
Cutting edge (left, right)	61L6-00311GG	
Cutting edge (center)	61L6-00302GG	

※ The part numbers are only reference.

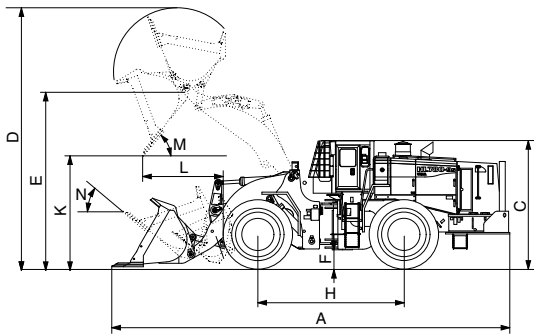
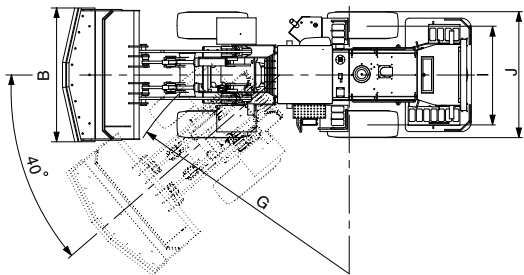
HL780-9S UMA

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	32.5 (71650)
	Bucket capacity	m ³ (yd ³)	5.4 (7.1)
	Overall length	A mm (ft-in)	9990 (32' 9")
	Overall width	B mm (ft-in)	3300 (10' 9")
	Overall height	C mm (ft-in)	3200 (10' 5")
	Ground clearance	F mm (ft-in)	445 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	6430 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3110 (10' 2")
Engine	Model	-	Cummins QSM11
	Rated horse power (Gross)	ps/rpm	353/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	171 (1235)
	Displacement	cc (cu in)	10800 (659)
Performance	Travel speed - Forward 1st	km/h (mph)	5.9 (3.6)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	17.2 (10.7)
	4th	km/h (mph)	34.5 (21.4)
	Travel speed - Reverse 1st	km/h (mph)	5.9 (3.6)
	2nd	km/h (mph)	11.0 (6.8)
	3rd	km/h (mph)	23.8 (14.8)
	Gradeability	degree	30
	Breakout force	kg (lb)	17965 (39605)
	Dump clearance at 45°	K mm (ft-in)	2890 (9' 5")
	reach (full lift)	L mm (ft-in)	1670 (5' 5")
	angle	M degree	47
	Roll back angle (carry position)	N degree	46
	Boom raise	sec	6.5
lower	sec	3.1	
Bucket dump	sec	1.3	
Tire	Spec	-	26.5 R25, ** (L3)
	Air pressure	kgf/cm ² (psi)	6.5 (94)

※ Specifications are based on the standard machine.

Dimension



HL780-9S UMA

Major component

Description		Unit	Specification
Main + Brake pump	Capacity	cc/rev	121.8+16.9
	Rated oil flow	lpm (U.S. gpm)	220+30 (58.1+7.9)
	Operating pressure	kgf/cm ² (psi)	210+150 (2990+2130)
Steering + Fan pump	Capacity	cc/rev	134.0+26.7
	Rated oil flow	lpm (U.S. gpm)	241.3+48 (63.7+12.7)
	Operating pressure	kgf/cm ² (psi)	210+140 (2990+1990)
MCV	Main relief valve pressure	kgf/cm ² (psi)	210 (2990)
	Port relief valve pressure	kgf/cm ² (psi)	240 (3140)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	-
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	120 (1710)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	-
	Differential type (front)	-	-
	Differential type (rear)	-	-
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-220

HL780-9S UMA

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31LQ-21010	31Y2-03180
CHANGZHOU #0014-	31LQ-21010C	31Y2-03180
SHPAC #0014-	31LQ-21010E	XKCC-03151
Boom cylinder (right)	31LQ-21020	31Y2-03180
CHANGZHOU #0014-	31LQ-21020C	31Y2-03180
SHPAC #0014-	31LQ-21020E	XKCC-03151
Bucket cylinder (left)	35LQ-22030	XKCC-01874
Bucket cylinder (right)	35LQ-22040	XKCC-01874
Steering cylinder (left) -#0012	31LQ-30711	31Y2-03580
#0013-	35LQ-30710	31Y2-03580
Steering cylinder (right) -#0012	31LQ-30721	31Y2-03580
#0013-	35LQ-30720	31Y2-03580

※ The part numbers are only reference.

HL780-9S UMA

Filter

Description		Part No.	Service interval (hr)
Engine oil		3101869	250
Fuel		3329289	500
Transmission oil		ZGAQ-02400	1000
Coolant filter		3100308	500
Hydraulic	Return	31LQ-60912	250
	Pilot	31E3-0018	250
	Air breather	31EH-00480	1000
	Brake line	31L1-0139	250 (clean)
Air cleaner	Inner	11LQ-40120	As required
	Outer	11LQ-40110	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		38 (10.0)	250
Fuel		320 (84.5)	-
Hydraulic oil	Tank System	242 (63.9)	* ¹ 2000 * ² 5000
		336 (88.8)	-
Transmission		50 (13.2)	1000
Axle (front / rear)		63/61 (16.6/16.1)	1500
Coolant		45 (11.9)	2000

*¹ Conventional hydraulic oil

*² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	-	
Tooth (right)	-	
Tooth (center)	-	
Cutting edge (left, right)	-	
Cutting edge (center)	-	

※ The part numbers are only reference.

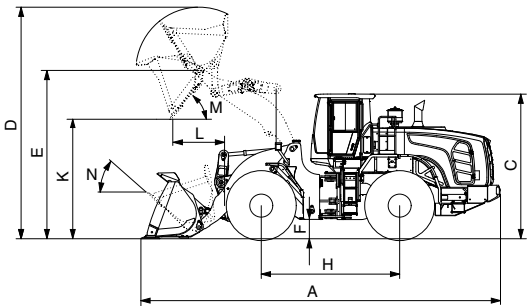
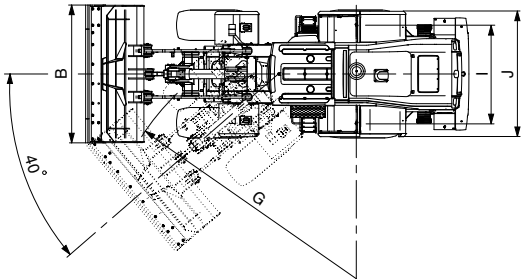
HL980

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	31.0 (68340)
	Bucket capacity	m ³ (yd ³)	5.6 (7.3)
	Overall length	A mm (ft-in)	9610 (31' 6")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3865 (12' 8")
	Overall height (bucket raised)	D mm (ft-in)	6430 (21' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	4615 (15' 2")
	Ground clearance	F mm (ft-in)	495 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6300 (20' 8")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3160 (10' 4")
Engine	Model	-	Scania DC13
	Rated horse power (Gross)	ps/rpm	380/1800
	Maximum torque (at 1300 rpm)	kgf·m (lbf·ft)	180 (1302)
	Displacement	cc (cu in)	12700 (775)
Performance	Travel speed - Forward 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	17.9 (11.1)
	4th	km/h (mph)	36.5 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.1 (3.8)
	2nd	km/h (mph)	11.4 (7.1)
	3rd	km/h (mph)	25.0 (15.5)
	Gradeability	degree	30
	Breakout force	kg (lb)	24640 (54320)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1500 (4' 11")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	6.6
lower	sec	4.0	
Bucket dump	sec	1.4	
Tire	Spec	-	29.5 R25, *(L3)
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL980

Major component

Description		Unit	Specification
Steering + Main pump	Capacity	cc/rev	110+100
	Rated oil flow	lpm (U.S. gpm)	208+189 (54.9+49.9)
	Operating pressure	kgf/cm ² (psi)	280 (3980)
Fan + Brake pump	Capacity	cc/rev	45
	Rated oil flow	lpm (U.S. gpm)	101 (26.7)
	Operating pressure	kgf/cm ² (psi)	250+150 (3980+2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Flow amplifier	Rated oil flow	lpm (U.S. gpm)	240 (63.4)
	Relief pressure	kgf/cm ² (psi)	210 (2990)
Steering unit	Capacity	cc/rev	200
	Relief pressure	kgf/cm ² (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	kgf/cm ² (psi)	80 (1160)
Cut off valve	Cut in pressure	kgf/cm ² (psi)	125 (1780)
	Cut off pressure	kgf/cm ² (psi)	150 (2130)
Transmission	Model (including converter) (std/opt)	-	ZF 4WG 310/ZF 5WG 310
	Main pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Converter back pressure	kgf/cm ² (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	kgf/cm ² (psi)	16+2 (227.6+28.4)
	Lubricating pressure	kgf/cm ² (psi)	3 (42.7)
Axle	Model	-	ZF MT-L3125II/3115II
	Differential type (front)	-	Hydraulic lock
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 13
Battery	Capacity	V-AH	24-220

* Bucket dump

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31WH-20011	XKCC-01637
Boom cylinder (right)	31WH-20021	XKCC-01637
Bucket cylinder (STD)	31WH-20032	XKCC-01666
Bucket cylinder (XT)	31WH-20530	XKCC-01666
Steering cylinder (left)	31WH-30520	XKCC-00285
Steering cylinder (right)	31WH-30530	XKCC-00285

※ The part numbers are only reference.

HL980

Filter

Description		Part No.	Service interval (hr)
Engine oil		ZSAE-00002* ²	500
Fuel		ZSAE-00001* ²	1000
Transmission oil		ZGAQ-02400	1000
Prefilter		11NA-72011	1000
Hydraulic	Return	31LD-60071	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00040	1000
Air cleaner	Inner	11ND-20230	As required
	Outer	11ND-20240	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	* ¹ 250 (clean)

*¹ Replace the filter after 4 times cleanings. *² Filter kit

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		45 (11.9)	500
Fuel		430 (113.6)	-
DEF/AdBlue®		45 (11.9)	-
Hydraulic oil	Tank	186 (49.1)	* ¹ 2000 * ² 5000
	System	344 (90.9)	-
Transmission		54 (14.3)	1000
Axle (front / rear)		58/58 (15.3/15.3)	1500
Coolant		50 (13.2)	2000

*¹ Conventional hydraulic oil *² Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Tooth (left)	61L6-00780GG	
Tooth (right)	61L6-00790GG	
Tooth (center)	61L6-00770GG	
Cutting edge (left, right)	61LQ-00311	
Cutting edge (center)	61LQ-00320	

※ The part numbers are only reference.

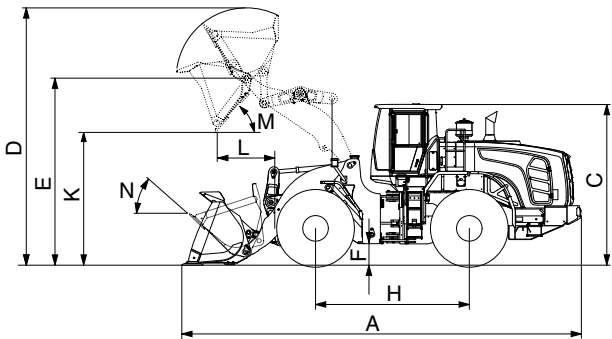
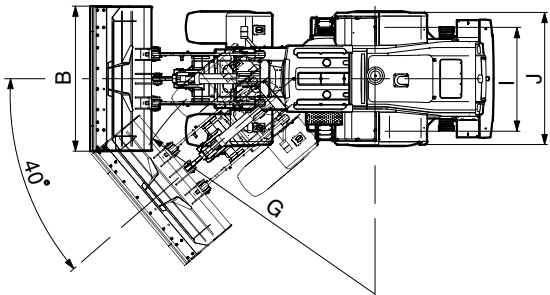
HL980A

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	30.8 (67905)
	Bucket capacity	m ³ (yd ³)	5.6 (7.3)
	Overall length	A mm (ft-in)	9610 (31' 6")
	Overall width	B mm (ft-in)	3450 (11' 4")
	Overall height	C mm (ft-in)	3865 (12' 8")
	Overall height (bucket raised)	D mm (ft-in)	6430 (21' 1")
	Overall height (bucket pivot pin)	E mm (ft-in)	4615 (15' 2")
	Ground clearance	F mm (ft-in)	495 (1' 7")
	Min turning radius (center of outside tire)	G mm (ft-in)	6420 (21' 1")
	Wheel base	H mm (ft-in)	3700 (12' 2")
	Tread	I mm (ft-in)	2440 (8' 0")
	Width of tires	J mm (ft-in)	3190 (10' 6")
Engine	Model	-	Cummins X12
	Rated horse power (Gross)	hp/rpm	355/2000
	Maximum torque (at 1400 rpm)	kgf·m (lbf·ft)	190 (1373)
	Displacement	cc (cu in)	11800 (720)
Performance	Travel speed - Forward 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.6 (7.2)
	3rd	km/h (mph)	18.2 (11.3)
	4th	km/h (mph)	36.5 (22.7)
	Travel speed - Reverse 1st	km/h (mph)	6.2 (3.9)
	2nd	km/h (mph)	11.6 (7.2)
	3rd	km/h (mph)	25.3 (15.7)
	Gradeability	degree	30
	Breakout force	kg (lb)	24670 (54390)
	Dump clearance at 45°	K mm (ft-in)	3300 (10' 10")
	reach (full lift)	L mm (ft-in)	1490 (4' 11")
	angle	M degree	50
	Roll back angle (carry position)	N degree	47
	Lift (with load)	sec	6.6
Lower (empty)	sec	4.8	
Dump (with load)	sec	1.5	
Tire	Spec	-	29.5 R25, **, L3
	Air pressure	kgf/cm ² (psi)	4.6 (65)

※ Specifications are based on the standard machine.

Dimension



HL980A

Major component

Description		Unit	Specification
Steering / Main pump	Capacity	cc/rev	110 / 100
	Rated oil flow	lpm (U.S. gpm)	242 (63.9) / 220 (58.1)
	Operating pressure	kgf/cm ² (psi)	250 (3560) / 280 (3980)
Fan / Brake pump	Capacity	cc/rev	45
	Rated oil flow	lpm (U.S. gpm)	99 (26.1)
	Operating pressure	kgf/cm ² (psi)	250 (3980) / 150 (2130)
MCV	Main relief valve pressure	kgf/cm ² (psi)	280 (3980)
	Port relief valve pressure	kgf/cm ² (psi)	340 (4840)
Steering unit	Capacity	cc/rev	200
	Relief pressure	bar (psi)	210 (3046)
Brake valve	Type	-	Dual circuit
	Max braking pressure	bar (psi)	80 (1160)
Cut off valve	Cut in pressure	bar (psi)	125 (1780)
	Cut off pressure	bar (psi)	150 (2130)
Transmission	Model (including converter)	-	ZF 4WG 310
	Main pressure	bar (psi)	16+2 (227.6+28.4)
	Converter back pressure	bar (psi)	4.3+3 (61.2+42.7)
	Clutch pressure	bar (psi)	16+2 (227.6+28.4)
	Lubricating pressure	bar (psi)	3 (42.7)
Axle	Model (front/rear)	-	ZF MT-L3125II/3115II
	Differential type (front)	-	Different lock
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	12-220

Cylinder

Description		Assy part No.	Seal kit part No.
Boom cylinder	LH	31WH-20011EGG	XKCC-01637
	RH	31WH-20021EGG	XKCC-01637
Bucket cylinder	LH	31WH-20032EGG	XKCC-01666
Steering cylinder	LH	31WH-30520	XKCC-00285
	RH	31WH-30530	XKCC-00285

※ The part numbers are only reference.

HL980A

Filter

Description		Part No.	Service interval (hr)
Engine oil		YUBP-12628	500
Fuel		YUBP-12619	500
Transmission oil		ZGAQ-02400	1000
Prefilter		15KA-73040	500
Hydraulic	Return	31LD-60071	1000
	Pilot	31LM-10310	1000
	Air breather	32QA-00040	1000
	Pressure	31LM-40090	1000
DEF/AdBlue®	Tank	11K6-71170	2000
	Supply module	YUBP-10464	4500
Air cleaner	Inner	11ND-20230	2000
	Outer	11ND-20240	* ¹ 500 (clean)
Air conditioner	Inner	71WD-32220	250 (clean), 2000 (replace)
	Outer	71WD-32210	250 (clean), 1000 (replace)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		34 (9.0)	500
Fuel		430 (114)	-
DEF/AdBlue®		44.5 (11.8)	-
Hydraulic oil	Tank	184 (48.6)	* ¹ * ² 2000 * ² 5000
	System	276 (72.9)	-
Transmission		53 (14)	1000
Axle (front / rear)		64/64 (16.9/16.9)	1500
Coolant		45.5 (12.0)	2000

*¹ Conventional hydraulic oil *² Hyundai bio hydraulic oil

*³ Hyundai genuine long life hydraulic oil

Consumption parts

Description	Part No.	Remark
Cutting edge (side)	61LQ-00311	
Cutting edge (center)	61LQ-00320	

※ The part numbers are only reference.

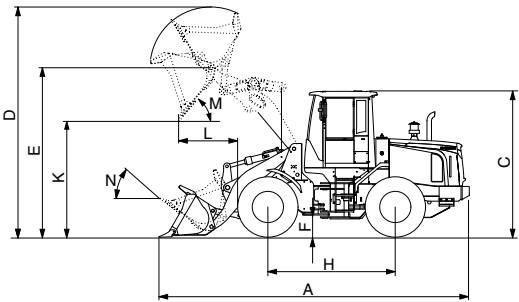
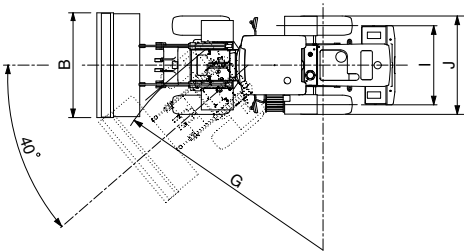
SL730

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.2 (22490)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6830 (22' 5")
	Overall width	B mm (ft-in)	2450 (8' 1")
	Overall height	C mm (ft-in)	3235 (10' 7")
	Overall height (bucket raised)	D mm (ft-in)	4880 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3775 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4900 (16' 1")
	Wheel base	H mm (ft-in)	2850 (9' 4")
	Tread	I mm (ft-in)	1850 (6' 1")
	Width of tires	J mm (ft-in)	2300 (7' 7")
Engine	Model	-	YC6J125Z-T20
	Rated horse power (Gross)	kW/rpm	92/2200
	Maximum torque (at 1400~1600 rpm)	N·m	500
	Displacement	cc (cu in)	6494 (396)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	13.3 (8.3)
	3rd	km/h (mph)	23.9 (14.9)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	9.2 (5.7)
	2nd	km/h (mph)	29.0 (18.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	-
	Dump clearance at 45°	K mm (ft-in)	2865 (9' 5")
	reach (full lift)	L mm (ft-in)	1075 (3' 6")
	angle	M degree	45
	Roll back angle (carry position)	N degree	49
Boom raise	sec	5.2	
lower	sec	2.7	
Bucket dump	sec	1.2	
Tire	Spec	-	17.5-25, 14PR (L3)
	Air pressure	kgf/cm ² (psi)	4.1 (58)

※ Specifications are based on the standard machine.

Dimension



SL730

Major component

Description		Unit	Specification
Main + Steering pump	Capacity	cc/rev	100+50
	Rated oil flow	lpm (U.S. gpm)	169 (44.6)
	Operating pressure	kgf/cm ² (psi)	200 (2840)
MCV	Main relief valve pressure	kgf/cm ² (psi)	160 (2280)
	Port relief valve pressure	kgf/cm ² (psi)	180 (2560)
	Spools	ea	2
Steering unit	Capacity	cc/rev	400
	Relief pressure	kgf/cm ² (psi)	160 (2280)
Steering valve	Capacity	cc/rev	30
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	YJ315/BS428
	Main pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
	Converter back pressure	kgf/cm ² (psi)	6.1~6.6 (87~94.3)
	Clutch pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
Axle	Model	-	ZL30
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0054 31Z2-20011	XKCW-00178
	#0055- 31Z2-20011C	XCAV-00132
Boom cylinder (right)	-#0054 31Z2-20021	XKCW-00178
	#0055- 31Z2-20021C	XCAV-00132
Bucket cylinder	-#0054 31Z2-20031	XKCW-00170
	#0055- 31Z2-20031C	XCAV-00140
Steering cylinder (left)	-#0054 31Z2-30040	XKCW-00161
	#0055- 31Z2-30040C	XCAV-00171
Steering cylinder (right)	-#0054 31Z2-30050	XKCW-00161
	#0055- 31Z2-30050C	XCAV-00171

※ The part numbers are only reference.

SL730

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAE-00494	250
Fuel		XCAE-00243	250
Prefilter		XCAE-00246	250
Transmission oil		XCAU-00001	1000
Hydraulic	Return	31L1-4041	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element	XCAE-00513	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	*1250 (Clean)

*1 Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	250
Fuel		160 (42.3)	-
Hydraulic oil	Tank	90 (23.8)	2000
	System	142 (37.5)	-
Transmission		40 (10.6)	500
Axle (front / rear)		18/18 (4.8/4.8)	1000
Coolant		33 (8.7)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z2-00501	
Tooth (right)	61Z2-00511	
Tooth (center)	61Z2-00521	
Cutting edge (left, right)	61Z2-00371	
Cutting edge (center)	61Z2-00361	

※ The part numbers are only reference.

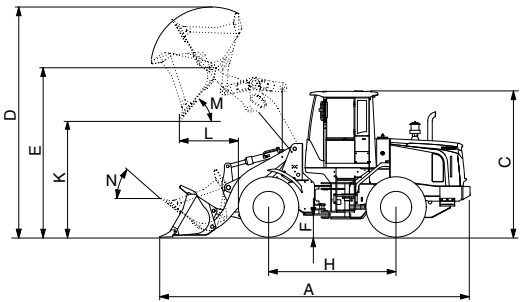
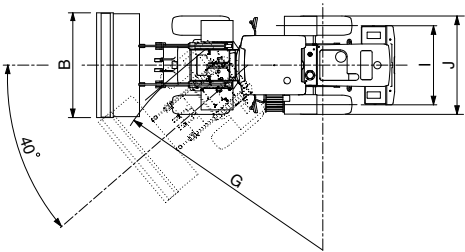
SL733

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.2 (22490)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6830 (22' 5")
	Overall width	B mm (ft-in)	2450 (8' 1")
	Overall height	C mm (ft-in)	3235 (10' 7")
	Overall height (bucket raised)	D mm (ft-in)	4880 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3775 (12' 5")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4900 (16' 1")
	Wheel base	H mm (ft-in)	2850 (9' 4")
	Tread	I mm (ft-in)	1850 (6' 1")
	Width of tires	J mm (ft-in)	2300 (7' 7")
Engine	Model	-	YC6J125Z-T20
	Rated horse power (Gross)	kW/rpm	92/2200
	Maximum torque (at 1400~1600 rpm)	N·m	500
	Displacement	cc (cu in)	6494 (396)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	13.3 (8.3)
	3rd	km/h (mph)	23.9 (14.9)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	9.2 (5.7)
	2nd	km/h (mph)	29.0 (18.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	10370 (22860)
	Dump clearance at 45°	K mm (ft-in)	2865 (9' 5")
	reach (full lift)	L mm (ft-in)	1075 (3' 6")
	angle	M degree	45
	Roll back angle (carry position)	N degree	49
Boom raise	sec	5.2	
lower	sec	2.7	
Bucket dump	sec	1.2	
Tire	Spec	-	17.5-25, 14PR (L3)
	Air pressure	kgf/cm ² (psi)	4.1 (58)

※ Specifications are based on the standard machine.

Dimension



SL733

Major component

Description		Unit	Specification
Main + Steering pump	Capacity	cc/rev	100+50
	Rated oil flow	lpm (U.S. gpm)	169+83 (44.6+21.9)
	Operating pressure	kgf/cm ² (psi)	160+160 (2280+2280)
MCV	Main relief valve pressure	kgf/cm ² (psi)	160 (2280)
	Port relief valve pressure	kgf/cm ² (psi)	180 (2560)
	Spools	ea	2
Steering unit	Capacity	cc/rev	400
	Relief pressure	kgf/cm ² (psi)	160 (2280)
Steering valve	Capacity	cc/rev	30
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	YJ315/BS428
	Main pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
	Converter back pressure	kgf/cm ² (psi)	6.1~6.6 (87~94.3)
	Clutch pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
Axle	Model	-	ZL30
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0054 31Z2-20011	-
	#0055- 31Z2-20011C	XCAV-00171
Boom cylinder (right)	-#0054 31Z2-20021	-
	#0055- 31Z2-20021C	XCAV-00171
Bucket cylinder	-#0054 31Z2-20031	-
	#0055- 31Z2-20031C	XCAV-00140
Steering cylinder (left)	-#0054 31Z2-30040	-
	#0055- 31Z2-30040C	XCAV-00171
Steering cylinder (right)	-#0054 31Z2-30050	-
	#0055- 31Z2-30050C	XCAV-00171

※ The part numbers are only reference.

SL733

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAE-00494	250
Fuel		XCAE-00243	250
Prefilter		XCAE-00246	250
Transmission oil		XCAU-00001	500
Hydraulic	Return	31L1-4041	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element	XCAE-00513	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (Clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	250
Fuel		160 (42.3)	-
Hydraulic oil	Tank	90 (23.8)	2000
	System	142 (37.5)	-
Transmission		40 (10.6)	1000
Axle (front / rear)		18/18 (4.8/4.8)	1000
Coolant		33 (8.7)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z2-00501	
Tooth (right)	61Z2-00511	
Tooth (center)	61Z2-00521	
Cutting edge (left, right)	61Z2-00371	
Cutting edge (center)	61Z2-00361	

※ The part numbers are only reference.

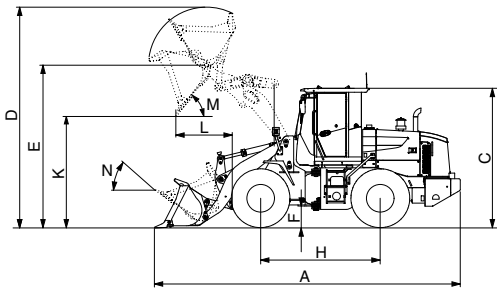
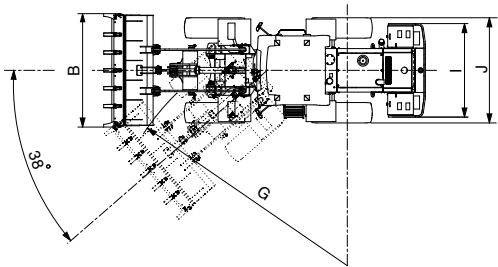
SL733S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.2 (22490)
	Bucket capacity	m ³ (yd ³)	1.7 (2.2)
	Overall length	A mm (ft-in)	6965 (22' 10")
	Overall width	B mm (ft-in)	2475 (8' 1")
	Overall height	C mm (ft-in)	3215 (10' 7")
	Overall height (bucket raised)	D mm (ft-in)	4885 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3770 (12' 4")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4950 (16' 3")
	Wheel base	H mm (ft-in)	2750 (9' 0")
	Tread	I mm (ft-in)	1850 (6' 1")
	Width of tires	J mm (ft-in)	2295 (7' 6")
Engine	Model	-	YC6J125Z-T20
	Rated horse power (Gross)	kW/rpm	92/2200
	Maximum torque (at 1400~1600 rpm)	N·m	500
	Displacement	cc (cu in)	6494 (396)
Performance	Travel speed - Forward 1st	km/h (mph)	7.5 (4.7)
	2nd	km/h (mph)	13.4 (8.3)
	3rd	km/h (mph)	24.2 (15.0)
	4th	km/h (mph)	40 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	9.3 (5.8)
	2nd	km/h (mph)	29.4 (18.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	10200 (22490)
	Dump clearance at 45°	K mm (ft-in)	2790 (9' 2")
	reach (full lift)	L mm (ft-in)	1150 (3' 9")
	angle	M degree	45
	Roll back angle (carry position)	N degree	43
	Boom raise	sec	5.4
lower	sec	3.0	
Bucket dump	sec	1.3	
Tire	Spec	-	17.5-25, 14PR (L3)
	Air pressure	kgf/cm ² (psi)	4.1 (58)

※ Specifications are based on the standard machine.

Dimension



SL733S

Major component

Description		Unit	Specification
Main (Steering) pump	Capacity	cc/rev	100.8
	Rated oil flow	lpm (U.S. gpm)	221 (58.4)
	Operating pressure	kgf/cm ² (psi)	200 (2840)
MCV	Main relief valve pressure	kgf/cm ² (psi)	173 (2460)
	Port relief valve pressure	kgf/cm ² (psi)	193 (2750)
	Spools	ea	2
Steering unit	Capacity	cc/rev	500
	Relief pressure	kgf/cm ² (psi)	204 (2900)
Steering valve	Capacity	cc/rev	150
	Relief pressure	kgf/cm ² (psi)	163 (2320)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	YJ315LH/BD08XD
	Main pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
Axle	Model	-	ZL30
	Differential type (front)	-	Planetary reductor
	Differential type (rear)	-	Planetary reductor
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z6-21010	XCAV-00188
Boom cylinder (right)	31Z6-21020	XCAV-00188
Bucket cylinder	31Z6-21030	XCAV-00195
Steering cylinder	31Z6-31040	XCAV-00179

※ The part numbers are only reference.

SL733S

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAE-00494	250
Fuel		XCAE-00243	250
Prefilter		XCAE-00246	250
Transmission oil		81Z6-60300	250
Hydraulic	Return	31Z6-60060	250
	Air breather	31Z5-60050	250
Air cleaner assy	Element	XCAE-00513	1000
Air conditioner	Inner	-	-
	Outer	-	-

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	250
Fuel		155 (40.9)	-
Hydraulic oil	Tank	90 (23.8)	2000
	System	160 (42.3)	-
Transmission		43 (11.4)	500
Axle (front / rear)		18/18 (4.8/4.8)	1000
Coolant		34 (9.0)	2000
Brake oil (front / rear)		1.0/1.0 (0.3/0.3)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z2-00501	
Tooth (right)	61Z2-00511	
Tooth (center)	61Z2-00521	
Cutting edge (left, right)	61Z2-00371	
Cutting edge (center)	61Z2-00361	

※ The part numbers are only reference.

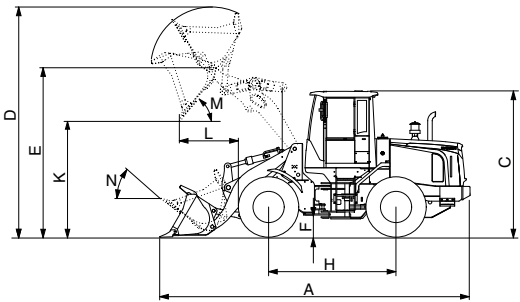
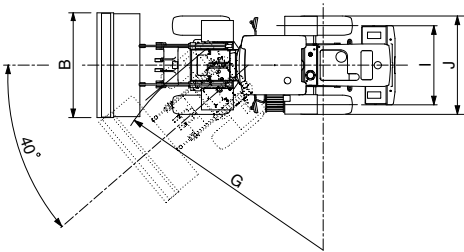
SL735

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	10.2 (22490)
	Bucket capacity	m ³ (yd ³)	1.8 (2.4)
	Overall length	A mm (ft-in)	6840 (22' 5")
	Overall width	B mm (ft-in)	2450 (8' 1")
	Overall height	C mm (ft-in)	3235 (10' 7")
	Overall height (bucket raised)	D mm (ft-in)	4885 (16' 0")
	Overall height (bucket pivot pin)	E mm (ft-in)	3770 (12' 4")
	Ground clearance	F mm (ft-in)	370 (1' 3")
	Min turning radius (center of outside tire)	G mm (ft-in)	4900 (16' 1")
	Wheel base	H mm (ft-in)	2850 (9' 4")
	Tread	I mm (ft-in)	1850 (6' 1")
	Width of tires	J mm (ft-in)	2300 (7' 7")
Engine	Model	-	YC6J125Z-T20
	Rated horse power (Gross)	kW/rpm	92/2200
	Maximum torque (at 1400~1600 rpm)	N·m	500
	Displacement	cc (cu in)	6494 (396)
Performance	Travel speed - Forward 1st	km/h (mph)	7.4 (4.6)
	2nd	km/h (mph)	13.3 (8.3)
	3rd	km/h (mph)	23.9 (14.9)
	4th	km/h (mph)	39.5 (24.5)
	Travel speed - Reverse 1st	km/h (mph)	9.2 (5.7)
	2nd	km/h (mph)	29.0 (18.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	10370 (22860)
	Dump clearance at 45°	K mm (ft-in)	2865 (9' 5")
	reach (full lift)	L mm (ft-in)	1075 (3' 6")
	angle	M degree	45
	Roll back angle (carry position)	N degree	49
Boom raise	sec	5.2	
lower	sec	3.0	
Bucket dump	sec	1.1	
Tire	Spec	-	17.5-25, 14PR (L3)
	Air pressure	kgf/cm ² (psi)	4.1 (58)

※ Specifications are based on the standard machine.

Dimension



SL735

Major component

Description		Unit	Specification
Main + pilot pump	Capacity	cc/rev	100+10
	Rated oil flow	lpm (U.S. gpm)	167+16.7 (44.1+4.41)
	Operating pressure	kgf/cm ² (psi)	200 (2840)
MCV	Main relief valve pressure	kgf/cm ² (psi)	160 (2280)
	Port relief valve pressure	kgf/cm ² (psi)	180 (2560)
	Spools	ea	2
Steering unit	Capacity	cc/rev	500
	Relief pressure	kgf/cm ² (psi)	160 (2280)
Steering valve	Capacity	cc/rev	250
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	BLD4208
	Main pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
	Converter back pressure	kgf/cm ² (psi)	6.1~6.6 (87~94.3)
	Clutch pressure	kgf/cm ² (psi)	13.3~14.3 (189~203)
Axle	Model	-	ZL30
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 12
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z2-20011C	XCAV-00171
Boom cylinder (right)	31Z2-20021C	XCAV-00171
Bucket cylinder (STD)	31Z2-20511C	XCAV-00140
Bucket cylinder (High lift)	31Z2-20521C	XCAV-00140
Steering cylinder (left)	31Z2-30040C	XCAV-00171
Steering cylinder (right)	31Z2-30050C	XCAV-00171

※ The part numbers are only reference.

SL735

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAE-00494	250
Fuel		XCAE-00243	250
Prefilter		XCAE-00246	250
Transmission oil		XCAU-00001	1000
Hydraulic	Return	31L1-4041	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element	XCAE-00513	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (Clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		16 (4.2)	250
Fuel		160 (42.3)	-
Hydraulic oil	Tank System	90 (23.8)	2000
		142 (37.5)	-
Transmission		40 (10.6)	500
Axle (front / rear)		18/18 (4.8/4.8)	1000
Coolant		33 (8.7)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z2-00501	
Tooth (right)	61Z2-00511	
Tooth (center)	61Z2-00521	
Cutting edge (left, right)	61Z2-00371	
Cutting edge (center)	61Z2-00361	

※ The part numbers are only reference.

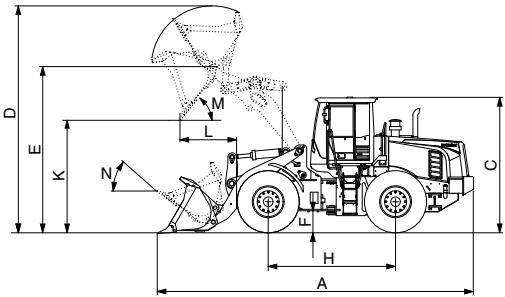
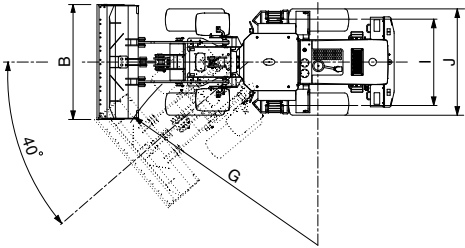
SL760

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.1 (37700)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8000 (26' 3")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3480 (11' 5")
	Overall height (bucket raised)	D mm (ft-in)	5540 (18' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4220 (13' 10")
	Ground clearance	F mm (ft-in)	430 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5750 (18' 10")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2200 (7' 3")
	Width of tires	J mm (ft-in)	2770 (9' 1")
	Engine	Model	-
Rated horse power (Gross)		kW/rpm	162/2200
Maximum torque (at 1400 rpm)		N·m	860
Displacement		cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.8 (6.7)
	2nd	km/h (mph)	38.6 (24.1)
	Travel speed - Reverse 1st	km/h (mph)	14.8 (9.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	-
	Dump clearance at 45°	K mm (ft-in)	3135 (10' 3")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	45
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
	lower	sec	3.7
Bucket dump	sec	1.1	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL760

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	151.1
	Rated oil flow	lpm (U.S. gpm)	332 (87.7)
	Operating pressure	kgf/cm ² (psi)	190 (2700)
Steering pump	Capacity	cc/rev	80
	Rated oil flow	lpm (U.S. gpm)	151 (39.9)
	Operating pressure	kgf/cm ² (psi)	160 (2280)
MCV	Main relief valve pressure	kgf/cm ² (psi)	190 (2700)
	Port relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Spools	ea	2
Steering unit	Capacity	cc/rev	1000
	Relief pressure	kgf/cm ² (psi)	175 (2490)
Steering valve	Capacity	cc/rev	160
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	BLD4208
	Main pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
Axle	Model	-	ZL50
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	±9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0145 31Z1-20010	-
	#0146- 31Z1-20010C	XCAV-00033
Boom cylinder (right)	-#0145 31Z1-20020	-
	#0146- 31Z1-20020C	XCAV-00033
Bucket cylinder (STD)	-#0145 31Z1-20030	-
	#0146- 31Z1-20030C	XCAV-00058
Bucket cylinder (High lift)	-#0145 31Z1-20530	-
	#0146- 31Z1-20530C	XCAV-00058
Steering cylinder (left)	-#0145 31Z1-30041	-
	#0146- 31Z1-30041C	XCAV-00100
Steering cylinder (right)	-#0145 31Z1-30051	-
	#0146- 31Z1-30051C	XCAV-00100

※ The part numbers are only reference.

SL760

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	1000
Hydraulic	Return	31LC-69040	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element -#0153	XCAF-00504	1000
	#0154-	XCAF-00004	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	*1250 (Clean)

*1 Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		280 (74)	-
Hydraulic oil	Tank	150 (39.6)	2000
	System	245 (64.7)	-
Transmission		50 (13.2)	500
Axle (front / rear)		28/28 (7.4/7.4)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z1-30241	
Tooth (right)	61Z1-30231	
Tooth (center)	61Z1-30221	
Cutting edge (left, right)	-#0066	61Z1-00371
	-#0117	61Z1-00372
	#0118-	61Z1-00371
Cutting edge (center)	-#0066	61Z1-00351
	-#0117	61Z1-00352
	#0118-	61Z1-00351

※ The part numbers are only reference.

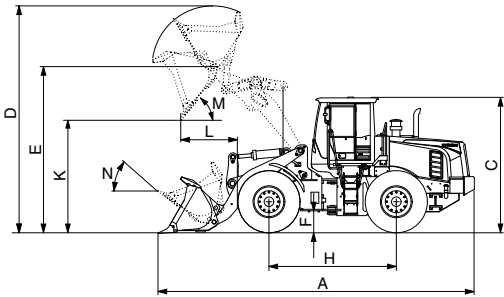
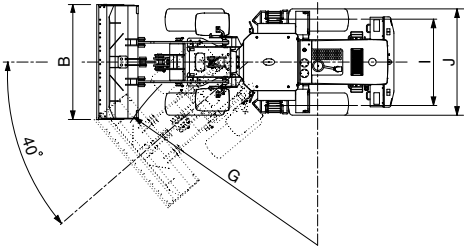
SL763 (-#0500)

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	17.1 (37700)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8000 (26' 3")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3480 (11' 5")
	Overall height (bucket raised)	D mm (ft-in)	5540 (18' 2")
	Overall height (bucket pivot pin)	E mm (ft-in)	4220 (13' 10")
	Ground clearance	F mm (ft-in)	430 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5750 (18' 10")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2200 (7' 3")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Weichai Power WD10G220E2
	Rated horse power (Gross)	kW/rpm	162/2200
	Maximum torque (at 1400 rpm)	N-m	860
	Displacement	cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.8 (6.7)
	2nd	km/h (mph)	38.6 (24.1)
	Travel speed - Reverse 1st	km/h (mph)	14.8 (9.2)
	Gradeability	degree	30
	Breakout force	kg (lb)	17810 (39260)
	Dump clearance at 45°	K mm (ft-in)	3135 (10' 3")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	45
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.8
	lower	sec	3.7
Bucket dump	sec	1.1	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL763 (-#0500)

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	151.1
	Rated oil flow	lpm (U.S. gpm)	332 (87.7)
	Operating pressure	kgf/cm ² (psi)	190 (2700)
Steering pump	Capacity	cc/rev	80
	Rated oil flow	lpm (U.S. gpm)	151 (39.9)
	Operating pressure	kgf/cm ² (psi)	160 (2280)
MCV	Main relief valve pressure	kgf/cm ² (psi)	190 (2700)
	Port relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Spools	ea	2
Steering unit	Capacity	cc/rev	1000
	Relief pressure	kgf/cm ² (psi)	175 (2490)
Steering valve	Capacity	cc/rev	160
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	ZL50
	Main pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
Axle	Model	-	ZL50
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	±9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	-#0145 31Z1-20010	-
	#0146- 31Z1-20010C	XCAV-00033
Boom cylinder (right)	-#0145 31Z1-20020	-
	#0146- 31Z1-20020C	XCAV-00033
Bucket cylinder	-#0145 31Z1-20030	-
	#0146- 31Z1-20030C	XCAV-00058
Steering cylinder (left)	-#0145 31Z1-30041	-
	#0146- 31Z1-30041C	XCAV-00100
Steering cylinder (right)	-#0145 31Z1-30051	-
	#0146- 31Z1-30051C	XCAV-00100

※ The part numbers are only reference.

SL763 (-#0500)

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	1000
Hydraulic	Return	31LC-69040	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element -#0153	XCAF-00504	1000
	#0154-	XCAF-00004	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	*1250 (Clean)

*1 Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		280 (74)	-
Hydraulic oil	Tank	150 (39.6)	2000
	System	245 (64.7)	-
Transmission		50 (13.2)	500
Axle (front / rear)		28/28 (7.4/7.4)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z1-30241	
Tooth (right)	61Z1-30231	
Tooth (center)	61Z1-30221	
Cutting edge (left, right)	61Z1-00371	
Cutting edge (center)	61Z1-00351	

※ The part numbers are only reference.

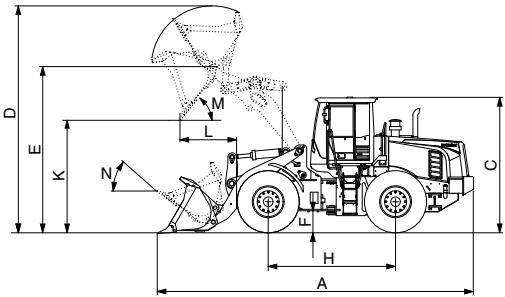
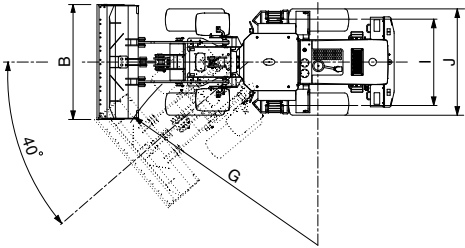
SL763 (#0501~)

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	16.8 (37040)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8150 (26' 9")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3480 (11' 5")
	Overall height (bucket raised)	D mm (ft-in)	5660 (18' 7")
	Overall height (bucket pivot pin)	E mm (ft-in)	4220 (13' 10")
	Ground clearance	F mm (ft-in)	430 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5750 (18' 10")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2200 (7' 3")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Weichai Power WD10G220E23
	Rated horse power (Gross)	kW/rpm	162/2000
	Maximum torque (at 1300~1500 rpm)	N·m	920
	Displacement	cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.9 (6.8)
	2nd	km/h (mph)	40.0 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	14.9 (9.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	-
	Dump clearance at 45°	K mm (ft-in)	3135 (10' 3")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	45
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.2
lower	sec	3.7	
Bucket dump	sec	0.8	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL763 (#0501~)

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	220 (58.1)
	Operating pressure	kgf/cm ² (psi)	190 (2700)
Steering pump	Capacity	cc/rev	80
	Rated oil flow	lpm (U.S. gpm)	151 (39.9)
	Operating pressure	kgf/cm ² (psi)	160 (2280)
MCV	Main relief valve pressure	kgf/cm ² (psi)	190 (2700)
	Port relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Spools	ea	2
Steering unit	Capacity	cc/rev	1000
	Relief pressure	kgf/cm ² (psi)	175 (2490)
Steering valve	Capacity	cc/rev	160
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	ZL50
	Main pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
Axle	Model	-	ZL50
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	±9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z1-20010C	XCAV-00033
Boom cylinder (right)	31Z1-20020C	XCAV-00033
Bucket cylinder (STD)	31Z1-20030C	XCAV-00058
Bucket cylinder (XTD)	31Z1-20530C	XCAV-00058
Steering cylinder (left)	31Z1-30041C	XCAV-00100
Steering cylinder (right)	31Z1-30051C	XCAV-00100

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	1000
Hydraulic	Return	31LC-69040	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element	XCAF-00004	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (Clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		280 (74)	-
Hydraulic oil	Tank	150 (39.6)	2000
	System	245 (64.7)	-
Transmission		50 (13.2)	500
Axle (front / rear)		28/28 (7.4/7.4)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z1-30241	
Tooth (right)	61Z1-30231	
Tooth (center)	61Z1-30221	
Cutting edge (left, right)	61Z1-00371	
Cutting edge (center)	61Z1-00351	

※ The part numbers are only reference.

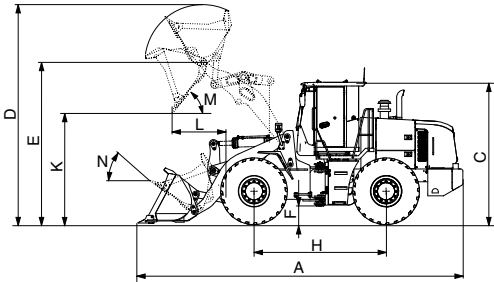
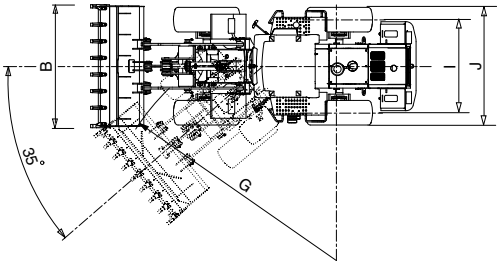
SL763S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	16.5 (36380)
	Bucket capacity	m ³ (yd ³)	3.0 (3.9)
	Overall length	A mm (ft-in)	7900 (25' 11")
	Overall width	B mm (ft-in)	2980 (9' 9")
	Overall height	C mm (ft-in)	3420 (11' 3")
	Overall height (bucket raised)	D mm (ft-in)	5370 (17' 7")
	Overall height (bucket pivot pin)	E mm (ft-in)	4100 (13' 5")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	6200 (20' 4")
	Wheel base	H mm (ft-in)	3200 (10' 6")
	Tread	I mm (ft-in)	2250 (7' 5")
	Width of tires	J mm (ft-in)	2845 (9' 4")
Engine	Model	-	Weichai Power WD10G220E23
	Rated horse power (Gross)	kW/rpm	162/2000
	Maximum torque (at 1300~1500 rpm)	N-m	900
	Displacement	cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.6 (6.6)
	2nd	km/h (mph)	39.0 (24.2)
	Travel speed - Reverse 1st	km/h (mph)	14.5 (9.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	17340 (28230)
	Dump clearance at 45°	K mm (ft-in)	3100 (10' 2")
	reach (full lift)	L mm (ft-in)	1240 (4' 1")
	angle	M degree	45
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.6
	lower	sec	3.5
Bucket dump	sec	1.1	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL763S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	200 (52.8)
	Operating pressure	kgf/cm ² (psi)	255 (3630)
Steering pump	Capacity	cc/rev	80
	Rated oil flow	lpm (U.S. gpm)	160 (42.3)
	Operating pressure	kgf/cm ² (psi)	255 (3630)
MCV	Main relief valve pressure	kgf/cm ² (psi)	183 (2600)
	Port relief valve pressure	kgf/cm ² (psi)	204 (2900)
	Spools	ea	2
Steering unit	Capacity	cc/rev	800
	Relief pressure	kgf/cm ² (psi)	214 (3040)
Steering valve	Capacity	cc/rev	85.44
	Relief pressure	kgf/cm ² (psi)	163 (2320)
RCV	Type	-	Cable
Transmission	Model (including converter)	-	ZL50
	Main pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~14.3 (160~203)
Axle	Model	-	50MA
	Differential type (front)	-	Planetary reductor
	Differential type (rear)	-	Planetary reductor
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z5-21010	3BZ5-03400
Boom cylinder (right)	31Z5-21020	3BZ5-03400
Bucket cylinder (STD)	31Z5-21550	3BZ5-02860
Bucket cylinder (XTD)	31Z5-21030	3BZ5-02860
Steering cylinder	31Z5-31040	XCAV-00100

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	250
Hydraulic	Return	31Z5-60060	250
	Air breather	31Z5-60050	250
Air cleaner assy	Element	XCAF-00004	1000
Air conditioner	Inner	-	-
	Outer	-	-

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		260 (68.7)	-
Hydraulic oil	Tank	170 (44.9)	2000
	System	230 (60.8)	-
Transmission		60 (15.9)	500
Axle (front / rear)		29/29 (7.7/7.7)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		1.0/1.0 (0.3/0.3)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z5-00641	
Tooth (right)	61Z5-00651	
Tooth (center)	61Z5-00631	
Cutting edge (left, right)	61Z5-00371	
Cutting edge (center) #0001-	61Z5-00351	

※ The part numbers are only reference.

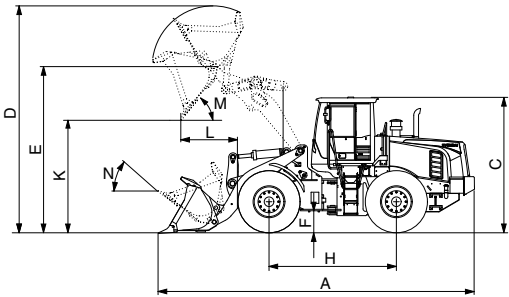
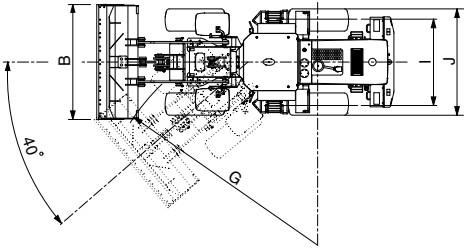
SL765

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	16.8 (37040)
	Bucket capacity	m ³ (yd ³)	3.1 (4.1)
	Overall length	A mm (ft-in)	8100 (26' 7")
	Overall width	B mm (ft-in)	2900 (9' 6")
	Overall height	C mm (ft-in)	3480 (11' 5")
	Overall height (bucket raised)	D mm (ft-in)	5660 (18' 7")
	Overall height (bucket pivot pin)	E mm (ft-in)	4220 (13' 10")
	Ground clearance	F mm (ft-in)	430 (1' 5")
	Min turning radius (center of outside tire)	G mm (ft-in)	5750 (18' 10")
	Wheel base	H mm (ft-in)	3300 (10' 10")
	Tread	I mm (ft-in)	2200 (7' 3")
	Width of tires	J mm (ft-in)	2770 (9' 1")
Engine	Model	-	Weichai Power WD10G220E23
	Rated horse power (Gross)	kW/rpm	162/2000
	Maximum torque (at 1300~1500 rpm)	N-m	920
	Displacement	cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.9 (6.8)
	2nd	km/h (mph)	40.0 (24.9)
	Travel speed - Reverse 1st	km/h (mph)	14.9 (9.3)
	Gradeability	degree	30
	Breakout force	kg (lb)	19840 (43740)
	Dump clearance at 45°	K mm (ft-in)	3135 (10' 3")
	reach (full lift)	L mm (ft-in)	1025 (3' 4")
	angle	M degree	45
	Roll back angle (carry position)	N degree	47
	Boom raise	sec	5.2
	lower	sec	3.7
Bucket dump	sec	1.0	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL765

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	220 (58.1)
	Operating pressure	kgf/cm ² (psi)	190 (2700)
Steering + pilot pump	Capacity	cc/rev	80+10
	Rated oil flow	lpm (U.S. gpm)	150 (39.6)+19 (5.0)
	Operating pressure	kgf/cm ² (psi)	160 (2280)+30 (427)
MCV	Main relief valve pressure	kgf/cm ² (psi)	190 (2700)
	Port relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Spools	ea	2
Steering unit	Capacity	cc/rev	1000
	Relief pressure	kgf/cm ² (psi)	160 (2280)
Steering valve	Capacity	cc/rev	160
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Pilot
Transmission	Model (including converter)	-	ZL50
	Main pressure	kgf/cm ² (psi)	11.2~15.3 (160~218)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~15.3 (160~218)
Axle	Model	-	ZL50
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	±9
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z1-20010C	XCAV-00033
Boom cylinder (right)	31Z1-20020C	XCAV-00033
Bucket cylinder (STD)	31Z1-20550C	XCAV-00074
Bucket cylinder (XTD)	31Z1-20650C	XCAV-00074
Steering cylinder (left)	31Z1-30041C	XCAV-00100
Steering cylinder (right)	31Z1-30051C	XCAV-00100

※ The part numbers are only reference.

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Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	1000
Hydraulic	Return	31LC-69040	250
	Air breather	31Z1-61770	250
Air cleaner assy	Element	XCAF-00004	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	* ¹ 250 (Clean)

*¹ Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		280 (74)	-
Hydraulic oil	Tank	150 (39.6)	2000
	System	280 (74.0)	-
Transmission		50 (13.2)	500
Axle (front / rear)		28/28 (7.4/7.4)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		0.7/0.7 (0.2/0.2)	1000

Consumption parts

Description	Part No.	Remark
Tooth (left)	61Z1-30241	
Tooth (right)	61Z1-30231	
Tooth (center)	61Z1-30221	
Cutting edge (left, right)	61Z1-00371	
Cutting edge (center)	61Z1-00351	

※ The part numbers are only reference.

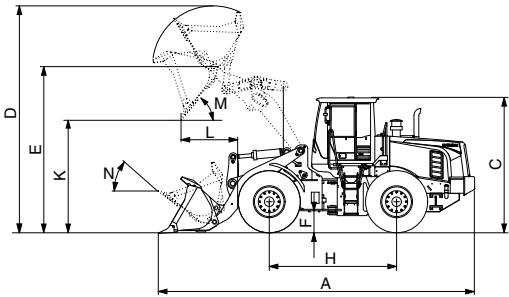
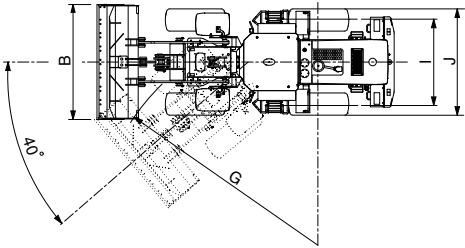
SL765S

Specification

Item		Unit	Specification
Dimension	Operating weight	ton (lb)	16.5 (36380)
	Bucket capacity	m ³ (yd ³)	3.0 (3.9)
	Overall length	A mm (ft-in)	7900 (25' 11")
	Overall width	B mm (ft-in)	2980 (9' 9")
	Overall height	C mm (ft-in)	3420 (11' 3")
	Overall height (bucket raised)	D mm (ft-in)	5370 (17' 7")
	Overall height (bucket pivot pin)	E mm (ft-in)	4100 (13' 5")
	Ground clearance	F mm (ft-in)	410 (1' 4")
	Min turning radius (center of outside tire)	G mm (ft-in)	6200 (20' 4")
	Wheel base	H mm (ft-in)	3200 (10' 6")
	Tread	I mm (ft-in)	2250 (7' 5")
	Width of tires	J mm (ft-in)	2845 (9' 4")
	Engine	Model	-
Rated horse power (Gross)		kW/rpm	162/2000
Maximum torque (at 1300~1500 rpm)		N·m	900
Displacement		cc (cu in)	9726 (594)
Performance	Travel speed - Forward 1st	km/h (mph)	10.6 (6.6)
	2nd	km/h (mph)	39.0 (24.2)
	Travel speed - Reverse 1st	km/h (mph)	14.5 (9.0)
	Gradeability	degree	30
	Breakout force	kg (lb)	-
	Dump clearance at 45°	K mm (ft-in)	3100 (10' 2")
	reach (full lift)	L mm (ft-in)	1240 (4' 1")
	angle	M degree	45
	Roll back angle (carry position)	N degree	49
	Boom raise	sec	5.6
	lower	sec	3.5
Bucket dump	sec	1.1	
Tire	Spec	-	23.5-25, 16PR (L3)
	Air pressure	kgf/cm ² (psi)	3.0 (44)

※ Specifications are based on the standard machine.

Dimension



SL765S

Major component

Description		Unit	Specification
Main pump	Capacity	cc/rev	100
	Rated oil flow	lpm (U.S. gpm)	200 (52.8)
	Operating pressure	kgf/cm ² (psi)	230 (3271)
Steering + pilot pump	Capacity	cc/rev	80+10
	Rated oil flow	lpm (U.S. gpm)	200 (52.8)+23.5 (6.2)
	Operating pressure	kgf/cm ² (psi)	200 (2845)+30 (427)
MCV	Main relief valve pressure	kgf/cm ² (psi)	180 (2560)
	Port relief valve pressure	kgf/cm ² (psi)	200 (2840)
	Spools	ea	2
Steering unit	Capacity	cc/rev	1000
	Relief pressure	kgf/cm ² (psi)	160 (2280)
Steering valve	Capacity	cc/rev	160
	Relief pressure	kgf/cm ² (psi)	160 (2280)
RCV	Type	-	Pilot
Transmission	Model (including converter)	-	ZL50
	Main pressure	kgf/cm ² (psi)	11.2~15.3 (160~218)
	Converter back pressure	kgf/cm ² (psi)	3.1~4.6 (43.5~65.3)
	Clutch pressure	kgf/cm ² (psi)	11.2~15.3 (160~218)
Axle	Model	-	ZL50
	Differential type (front)	-	Conventional
	Differential type (rear)	-	Conventional
	Oscillation	degree	± 11
Battery	Capacity	V-AH	24-120

Cylinder

Description	Assy part No.	Seal kit part No.
Boom cylinder (left)	31Z5-21010	3BZ5-03400
Boom cylinder (right)	31Z5-21020	3BZ5-03400
Bucket cylinder (STD)	31Z5-22030	3BZ5-02860
Bucket cylinder (XTD)	31Z5-21030	3BZ5-02860
Steering cylinder	31Z5-31040	XCAV-00100

※ The part numbers are only reference.

SL765S

Filter

Description		Part No.	Service interval (hr)
Engine oil		XCAF-00003	250
Fuel		XCAF-00001	500
Prefilter		XCAF-00444	500
Transmission oil		XCAR-00001	1000
Hydraulic	Return	31Z5-61160	250
	Air breather	31Z5-60050	250
Air cleaner assy	Element	XCAF-00004	1000
Air conditioner	Inner	11N6-90770	As required
	Outer	71LM-00290	*1250 (Clean)

*1 Replace the filter after 4 times cleanings.

Oil & coolant

Description		Capacity ℓ (U.S. gal)	Service interval (hr)
Engine oil		20 (5.3)	250
Fuel		260 (68.7)	-
Hydraulic oil	Tank	170 (44.9)	2000
	System	230 (60.8)	-
Transmission		60 (15.9)	1000
Axle (front / rear)		29/29 (7.7/7.7)	1500
Coolant		44 (11.6)	2000
Brake oil (front / rear)		1.0/1.0 (0.3/0.3)	1000

Consumption parts

Description	Part No.	Remark
Tooth	61Z5-09730	
Cutting edge (left, right)	61Z5-00371	
Cutting edge (center)	61Z5-00351	

※ The part numbers are only reference.