

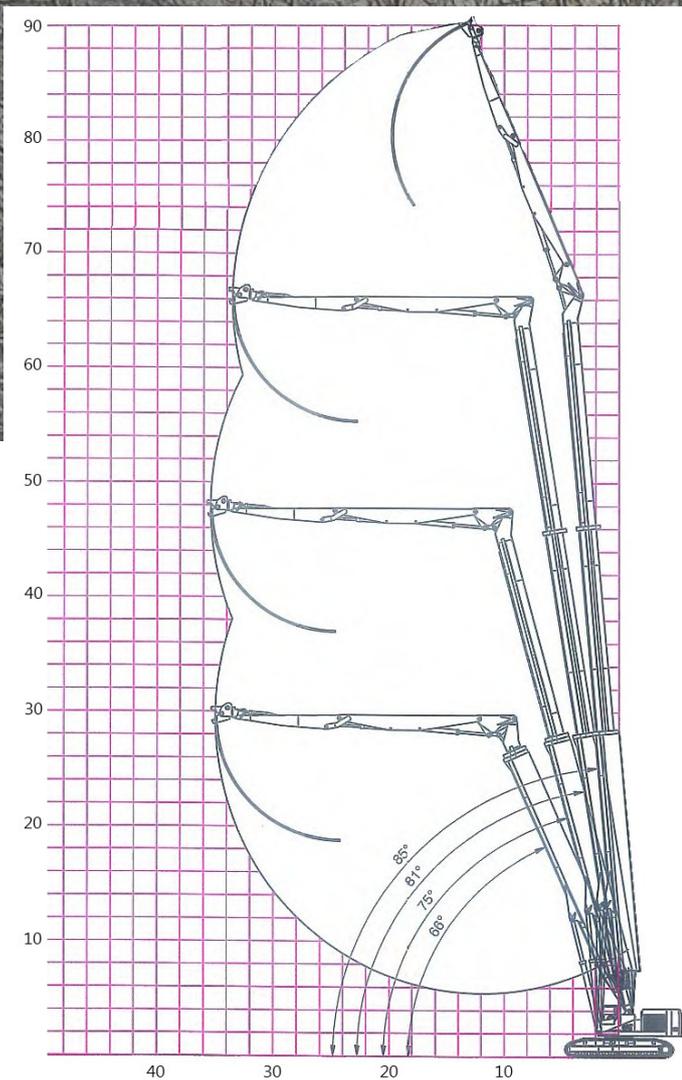
# PRIMA

Equipment sales rental parts service

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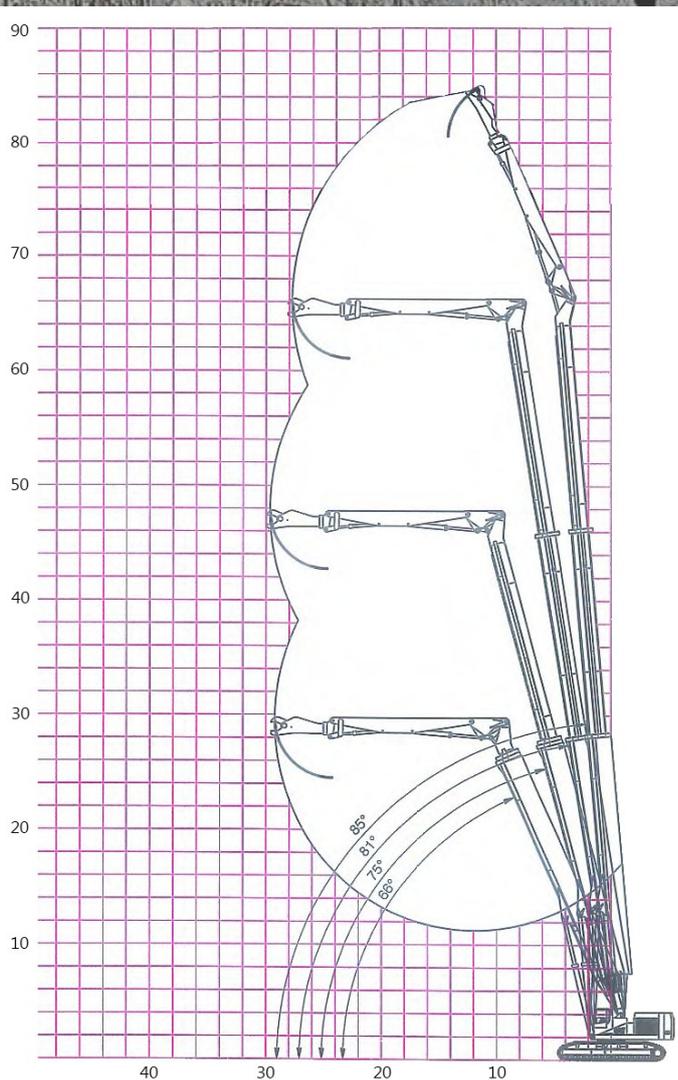






**Working-range diagram**  
**HRD88 with 4-ton tool**

Rated tipping load: 75% of the static tipping load  
 (ISO 10567) Total mass 270 ton.



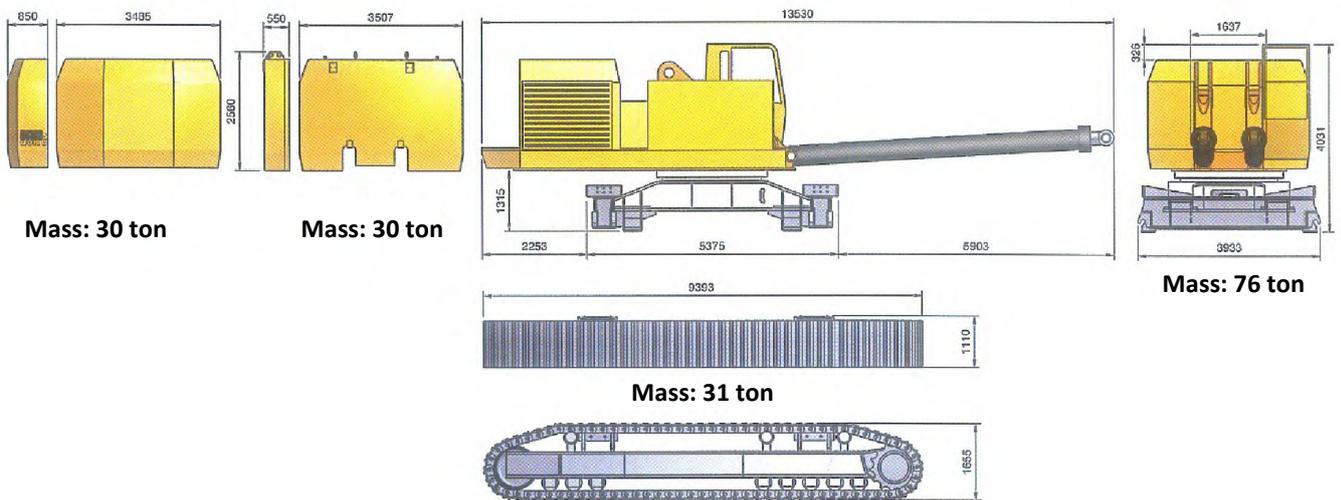
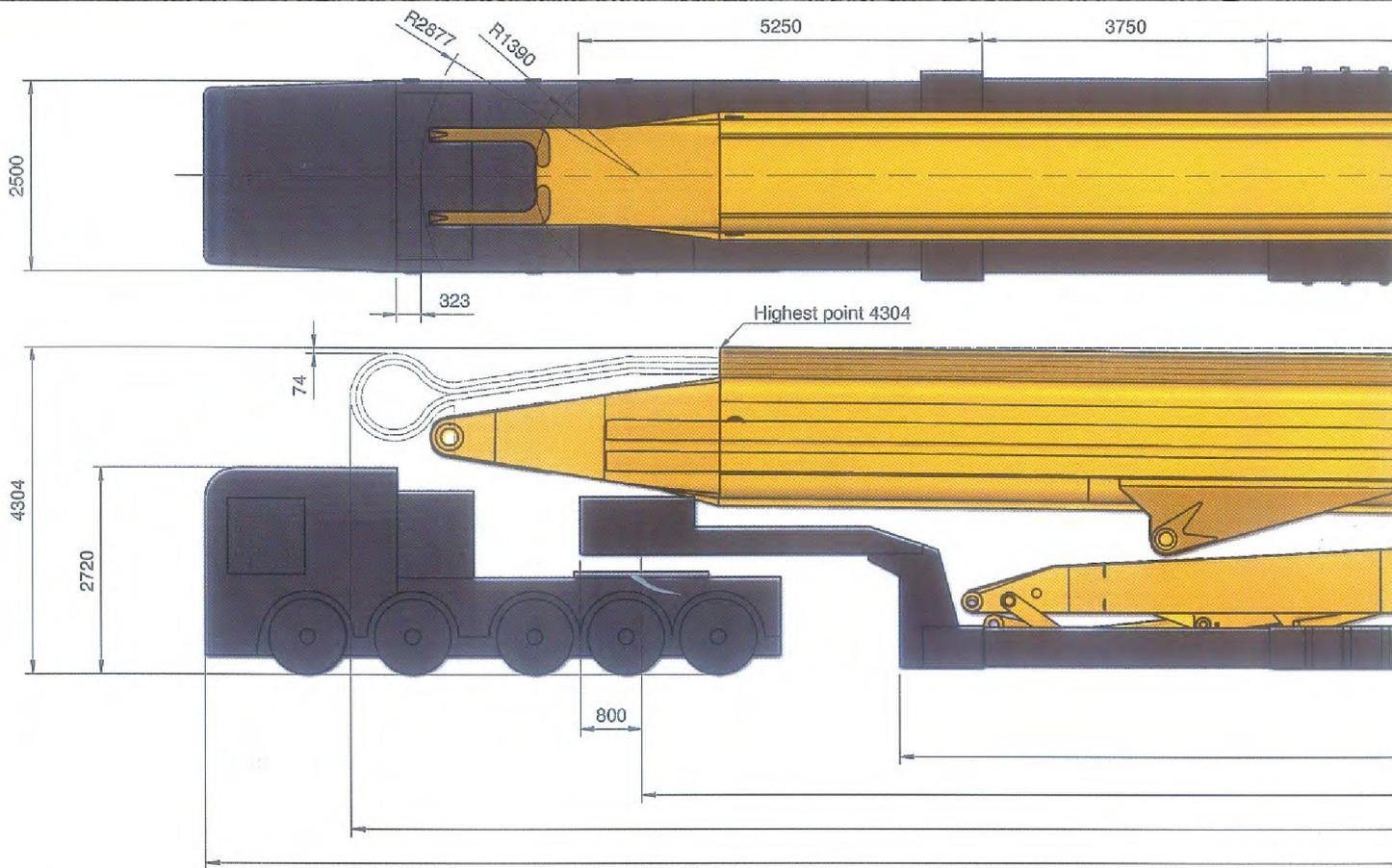
**Working-range diagram**

Rated tipping load: 75% of the static tipping load  
 (ISO 10567) Total mass 270 ton.

## Safety

The machine is equipped with 6 cameras. Two on the back of the machine, one at the fore boom for an overview, one at the auxilliary stick looking at the tool and two looking inside the telescopic boom to see if everything goed right. The crane is also equipped with a safety system equivalent to a mobile crane. All pressures of the hydraulic system can be seen, all angles of the boom and sticks and the complete configuration of the boom.

When approaching a dangerous situation an orange lamp will indicate 90% danger level reached. When 100% is reached the movement will stop an a red light will come on. The machine can only go to a safe position before continuing. On the display you can see:



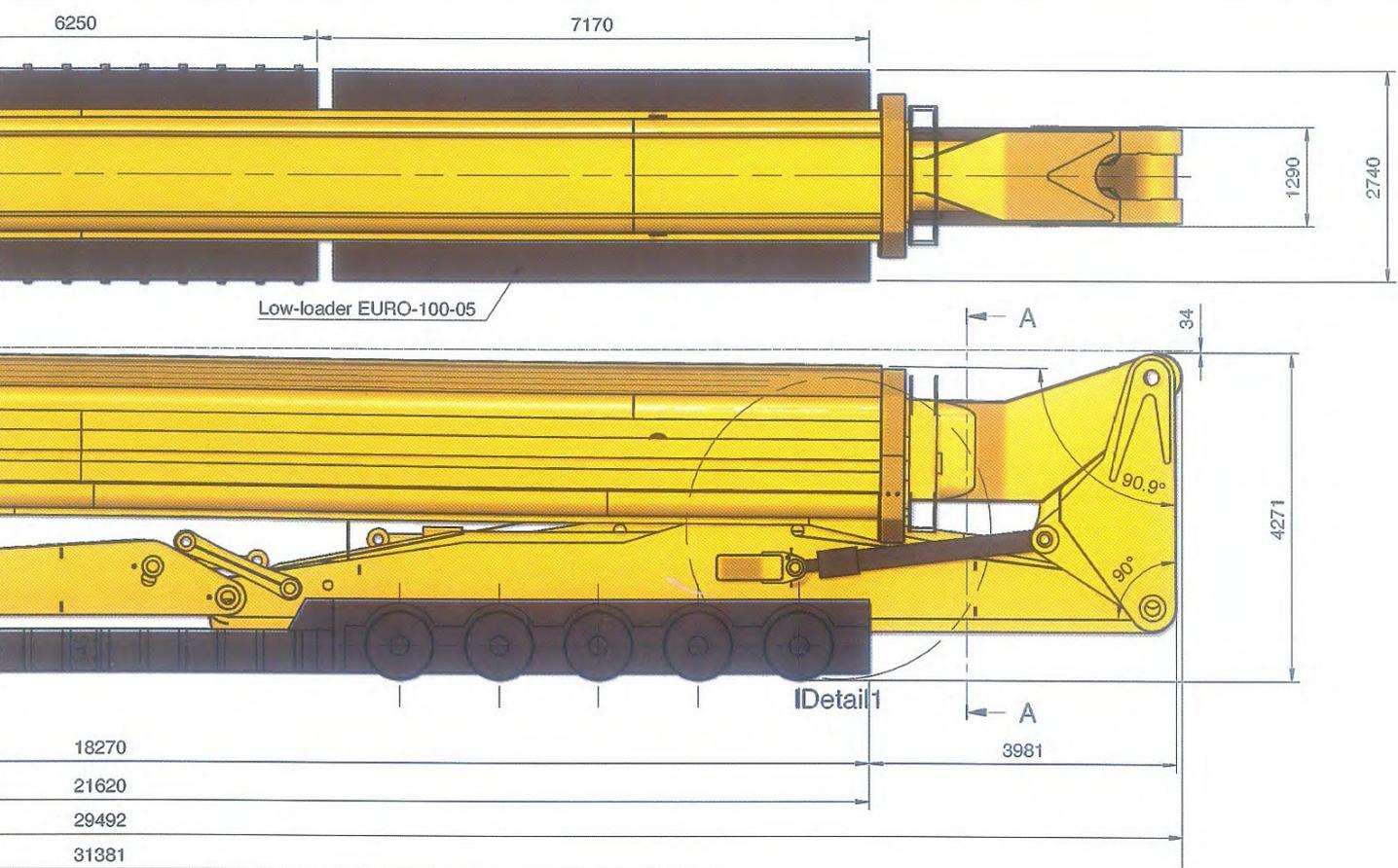
Mass: 30 ton

Mass: 30 ton

Mass: 76 ton

Mass: 31 ton

Transportation module dimensions				
	Max. Length	Max. Height	Max. Width	Mass
	(mm)	(mm)	(mm)	(ton)
Single track (total of 2)	9393	1655	1110	31 (each)
Boom total 3 pieces	29000	4000	2740	72
Chassis, carbody, topcylinders and cabin	13530	4031	3933	76
Original counterweight	3485	2560	850	30
Extra counterweight	3507	2560	550	30



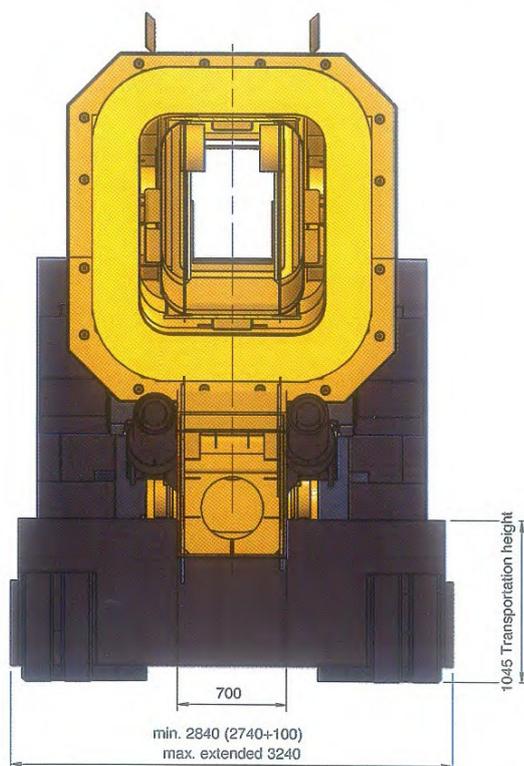
## Transported with 7 low loaders.

This is divided in:

- main body and main boom cylinders
- counterweight of 30T
- counterweight of 30T
- side beams and tools
- left track
- right track
- complete boom

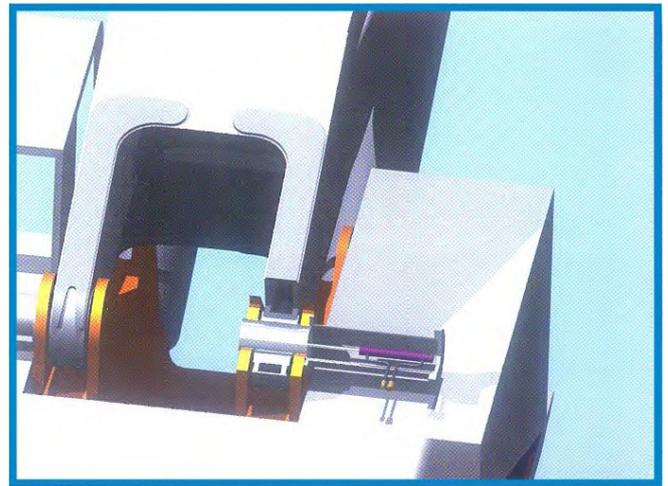
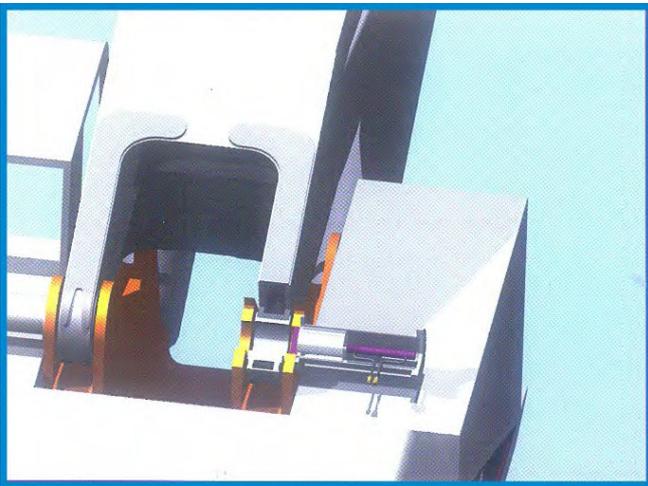
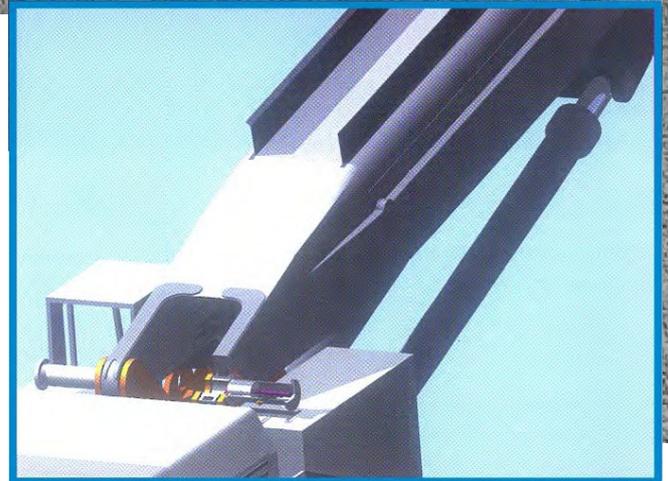
The body is equipped with 4 cylinders to jack itself from the low loader. In this position it is possible to connect the side beams and tracks by means of a mobile crane. The cylinders are retracted and the crane is standing on the tracks. Now both the 30T ballast blocks can be lifted in. The crane is now ready to take the boom.

**Total mass boom excl. tool: 72T**



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Connecting the boom to the mainframe is an easy thing to do. The boom, transported as one unit, is lifted by a mobile crane by means of the special lifting lugs which places the boom in the right place. As soon as the holes of the boom are lined up with the holes of the main frame, the pins can be placed hydraulically with an in-built cylinder operated by a hand pump. To avoid damages we have chosen for a hand operated system rather than a full automatic.



The same applies for the connection of the two main boom cylinders. The two main cylinders stay on the main body during transport. When the boom is lifted into position and secured by the two main hinge point pins, the main cylinders can be lifted and connected by an hydraulic operated pin with the same hand pump unit.

