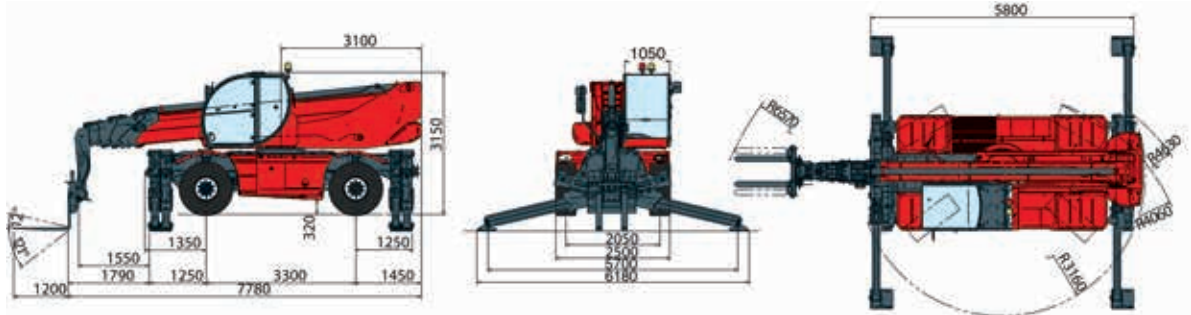
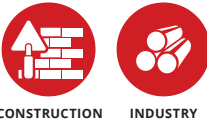


RTH 6.30 SH			
MACHINE MODEL	Rotating telescopic handler	RTH 6.30SH	
	Maximum lifting capacity	6.000kg (center of gravity 600 mm)	
	Maximum lifting height	29,90 m	
	Rotation	360° (continuous)	
ENGINE - MERCEDES	Type	Mercedes OM 934 LA Stage IV	Mercedes OM 924 LA Stage 3A
	Rated power	150 kW - 203 HP at 2.200 rpm	145 kW - 196 HP at 2.200 rpm
	Maximum torque	800 Nm at 1.200-1.600 rpm	705 Nm at 1.200-1.600 rpm
	Displacement	5,13 l	4,8 l
	Cylinders	4 in line	4 in line
	Fuel	Diesel direct injection turbocharged	Diesel direct injection turbocharged
	Cooling system	Water – intercooler	Water – intercooler
TRANSMISSION	Type	Hydrostatic	
	Model	Bosch – Rexroth	
	Maximum pressure	500 bar	
	Displacements	Variable displacement pump electronically controlled. Variable displacement motor.	
	Gear box	2 speeds forward-reverse	
AXLES AND BRAKES	Type	Axles with epicyclic reduction gear	
	Rear axle	Oscillating and steering with hydraulic locking	
	Front axle	Oscillating and steering with automatic levelling +/- 10°	
	Service brake	Hydraulically activated, oil-immersed multi-disc type on each axle	
	Parking brake	Hydraulic with negative action	
	Tyres dimensions	445/65 R 22,5	
PERFORMANCE	Max. travel speed	40 km/h	
	Drawbar pull	80 kN	
	Gradeability	40%	
	Turning radius (end of forks)	6.570 mm	
WEIGHTS	Total unladen	21.830 kg	
	Front axle unladen (boom retracted and lowered)	10.830 kg	
	Rear axle unladen (boom retracted and lowered)	11.000 kg	
TANKS	Fuel tank	180 l	180 l
	AdBlue	40 l	n.a.
	Hydraulic oil tank	220 l	220 l
	Engine oil tank	20,5 l	20,5 l
	Cooling liquid	36 l	36 l
HYDRAULIC CIRCUIT	Max. operating system pressure	350 bar	
	Circuit type	Load sensing	
	Service pump	Bosch Rexroth – Variable displacement	
	Controls for boom and turret movements	Danfoss – Electroproportional valve SIL 2	
	Controls for stabilizers	Bosch Rexroth – Electro-hydraulics controls	
	Movements control	2 joystick Danfoss with two shafts with dead man safety device - Management with CAN bus technology	
CONFORMTY TO STANDARDS	EN 13849: concerning the safety of all controls of the machine EN 13000: concerning the standard of hydraulic cranes EN 280: concerning the standard of aerial platforms FOPS/ROPS EU 2016/1628: concerning engine emissions standards EN 1459-2: concerning the standard of self-propelled variable reach trucks		

The data in this brochure are informative and subject to change without notice



MAIN SECTORS



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Maximum lifting height: 29,90 m  
Maximum reach: 26,00 m  
Electronically controlled hydrostatic transmission  
Automatic levelling device  
Scissors stabilizers