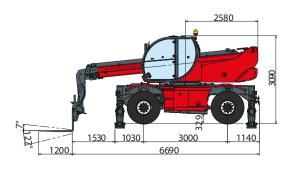
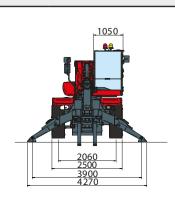
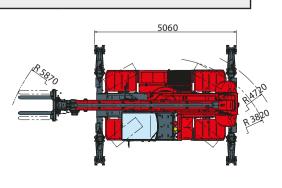
RTH5.18 Smart	MACHINE MODEL	Rotating telescopic handler	RTH 5.18 Smart		
		Maximum lifting capacity		4.999 kg (center of gravity 500 mm)	
		Maximum lifting height	17,56 m		
		Туре	Deutz TCD 3.6 L4 - stage IV	Deutz TCD 3.6 L4 EDG - stage 3A compliant	
	ENGINE	Rated power	100 KW - 134 HP at 2.200 rpm	100 KW - 134 HP at 2.200 rpm	
		Maximum torque	500 Nm at 1.600 rpm	500 Nm at 1.600 rpm	
		Displacement	3,61	3,61	
		Cylinders	4 in line	4 in line	
		Fuel	Diesel direct injection turbocharged	Diesel direct injection turbocharged	
		Cooling system	Water — intercooler	Water — intercooler	
	TRANSMISSION	Туре	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	Туре	Axles with epicyclic reduction gear		
		Rear axle	Oscillating and steering with hydraulic locking		
		Front axle	Steering		
		Service brake	Hydraulically activated, oil-immersed multi-disc type on each axle		
		Parking brake	Hydraulic with negative action		
		Tyres dimensions	445/65 R22,5		
	PERFORMANCE	Max. travel speed	40 km/h		
		Drawbar pull	66 kN		
		Gradeability	44%		
		Turning radius (end of forks)	5.870 mm		
	WEIGHTS	Total unladen	15.630 kg		
		Front axle unladen (boom retracted and lowered)	7.600 kg		
		Rear axle unladen (boom retracted and lowered)	8.700 kg		
	TANKS CAPACITIES	Fuel tank	180	1801	
		AdBlue	101		
		Hydraulic oil tank	1901	1901	
		Engine oil tank	81	81	
		Cooling liquid	20	20	
	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		
	DIMENSIONS	Max. length (boom retracted and lowered)	6.690 mm (at vertical point of forks foothold)		
		Max. width	2.500 mm (on wheels)		
		Max. height (boom retracted and lowered)	3.090 mm (on wheels)		
		Wheel base	3.000 mm		
		Ground clearance 329 mm EN 13849: concerning the safety of all controls of the machine			
	CONFORMTY TO STANDARDS EN 13000: concerning the standard of hydraulic cranes EN 280: concerning the standard of aerial platforms FOPS/ROPS 97/68/CE: concerning engine emissions standards				









Magni Telescopic Handlers srl

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