



Maximum lifting height: 20,90 m

Maximum reach: 17,60 m

Electronically controlled hydrostatic transmission

Automatic levelling device

Scissors stabilizers

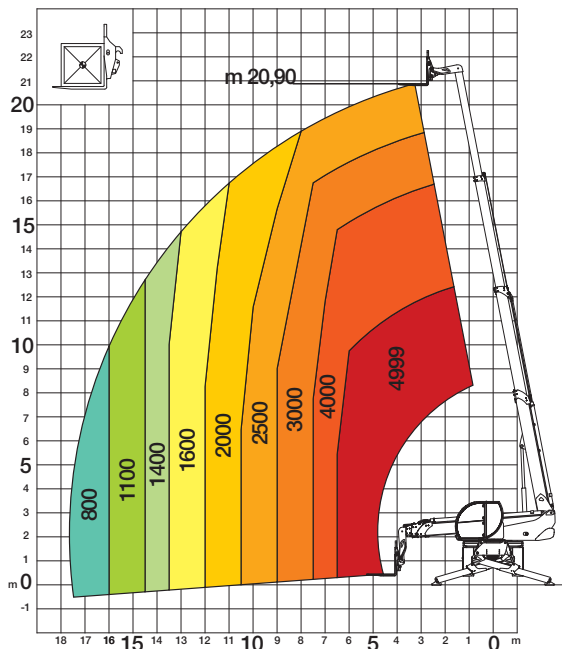
RTH5.21 *Smart S*

Magni Telescopic Handlers srl

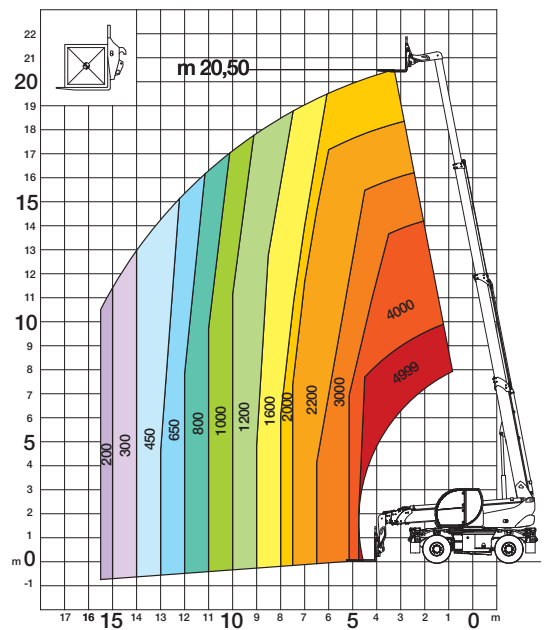
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commerciale@magnith.com - www.magnith.com

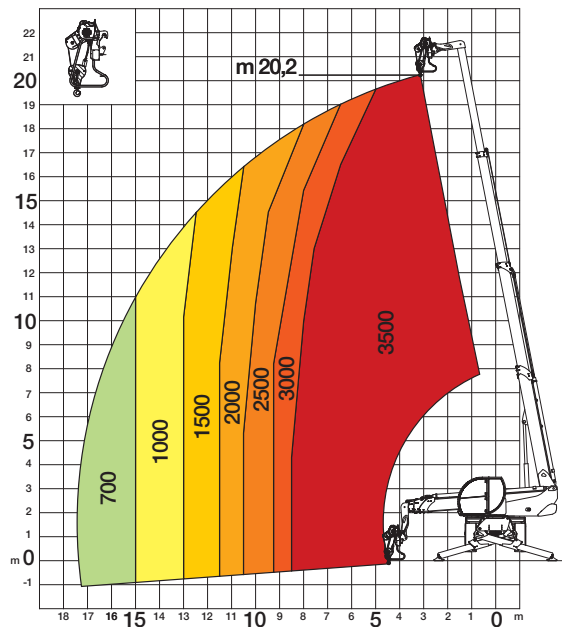
360° fully extended stabilizers load chart with forks



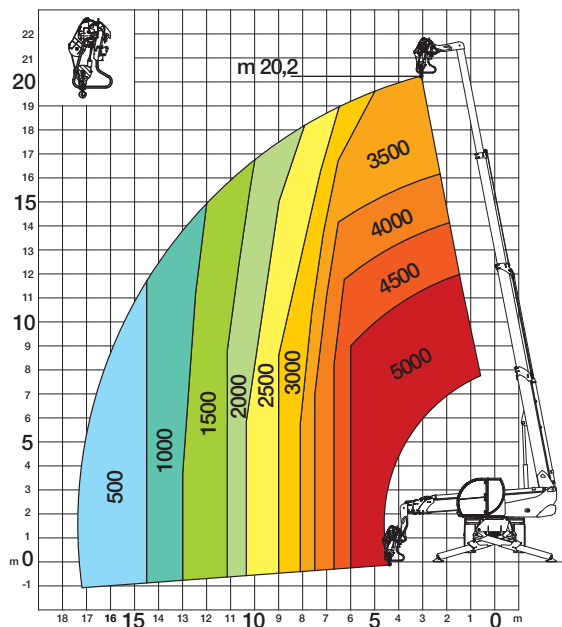
Frontal position load chart on tyres with forks



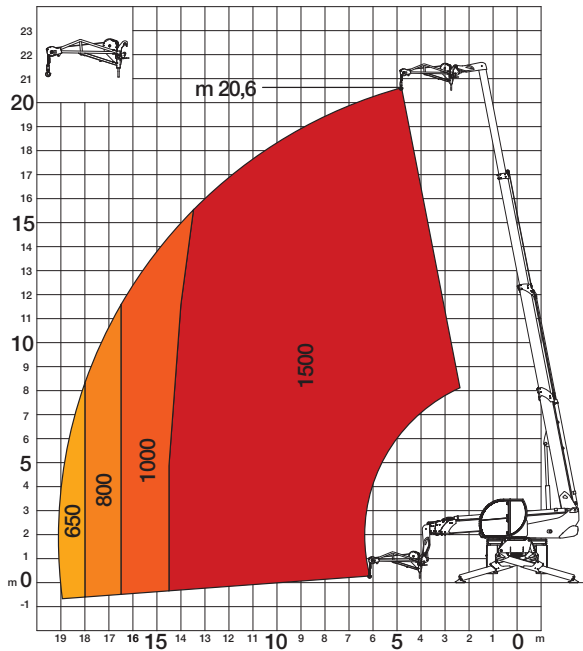
W 3,5
winch 3,5 t



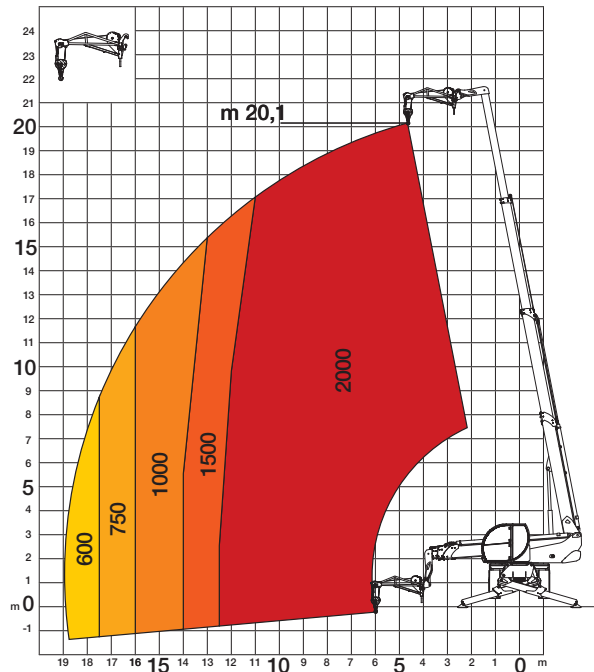
W 5
winch 5 t



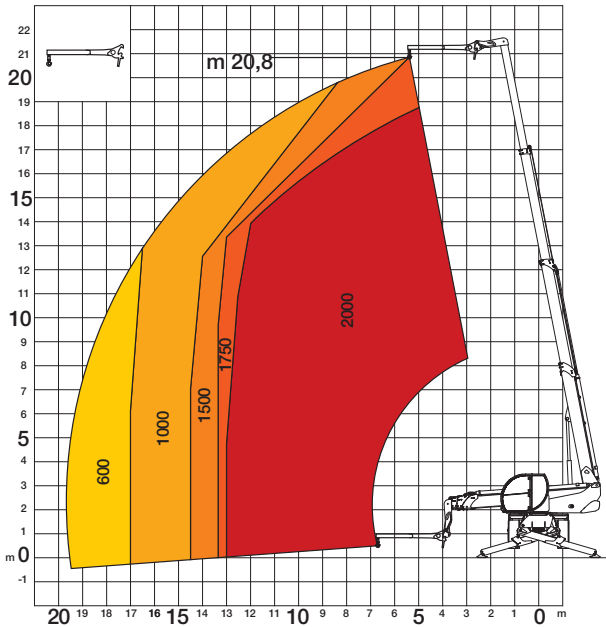
JW 1500
Jib winch 1500



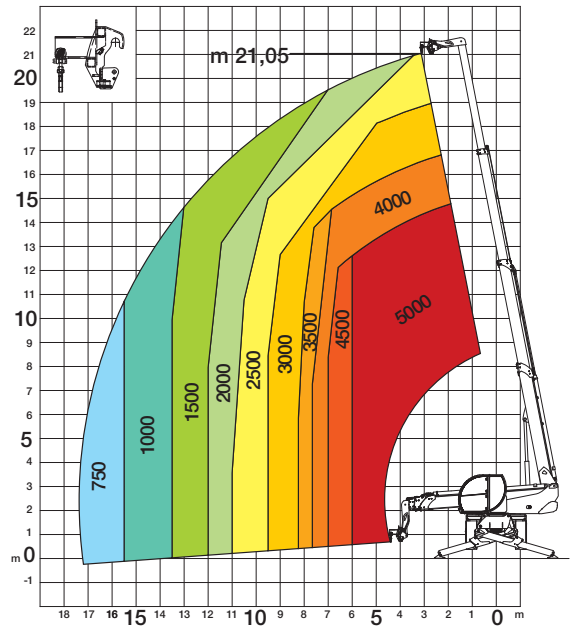
JW 2000
Jib winch 2000



J 2000
Jib 2000

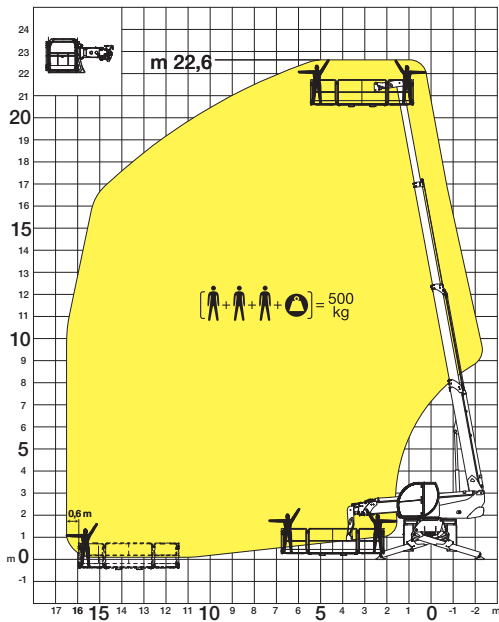


H 5
hook 5t



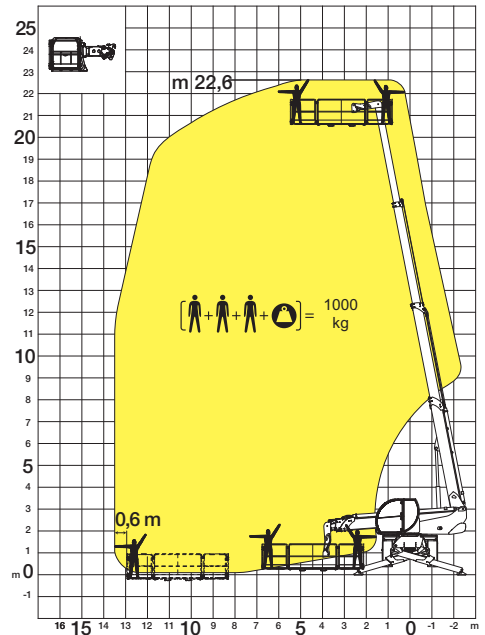
REP 2-4,5

Rotating extendable men platform 500 kg



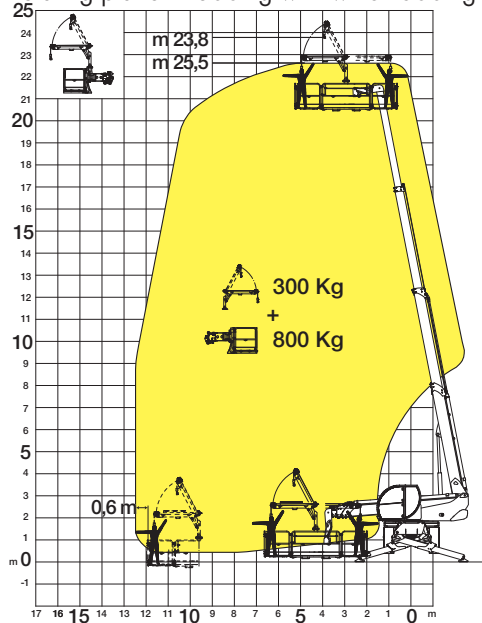
REP 10.2-4,7

Rotating extendable men platform 1000 kg



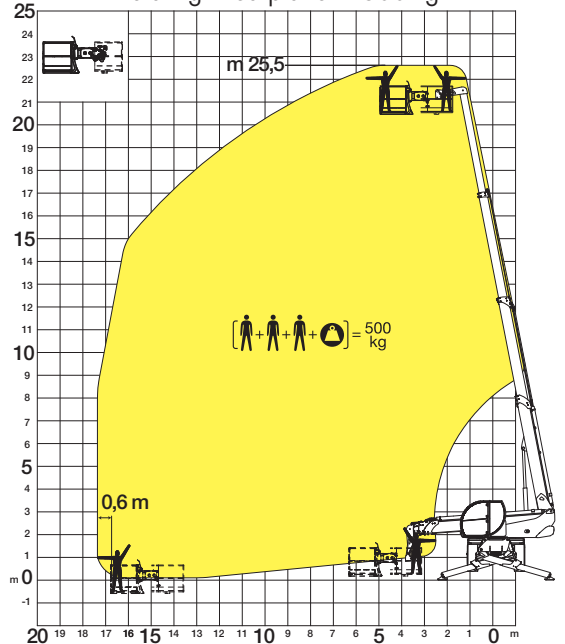
REP 8.2-4,7 W0,3

Rotating platform 800 kg with winch 300 kg



RP 2.2

Rotating fixed platform 500 kg



MACHINE MODEL	Rotating telescopic handler	RTH 5.21 Smart S			
	Maximum lifting capacity	4.999 kg (center of gravity 500 mm)			
	Maximum lifting height	20,90 m			
ENGINE - DEUTZ	Type	Deutz TCD 3.6 L4 - stage IV		Deutz TCD 3.6 L4 EDG - stage 3A compliant	
	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	3,6 l		3,6 l	
	Cylinders	4 in line		4 in line	
	Fuel	Diesel direct injection turbocharged		Diesel direct injection turbocharged	
	Cooling system	Water — intercooler		Water — intercooler	
ENGINE - JCB	Type	JCB ECOMAX stage IV i		JCB DIESELMAX stage 3A	
	Rated power	93 kW - 126 HP to 2.200 rpm		97 kW - 131 HP to 2.200 rpm	
	Maximum torque	550 to 1.500 rpm		532 to 1.500 rpm	
	Displacement	4.399		4.399	
	Cylinders	4		4	
	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 R22,5			
PERFORMANCE	Max. travel speed	40 km/h			
	Drawbar pull	66 kN			
	Gradeability	44%			
	Turning radius (end of forks)	5.770 mm			
WEIGHTS	Total unladen	17.530 kg			
	Front axle unladen (boom retracted and lowered)	8.230 kg			
	Rear axle unladen (boom retracted and lowered)	9.300 kg			
TANK CAPACITIES		Deutz stage IV	Deutz stage 3A	JCB stage IV i	JCB stage 3A
	Fuel tank	180 l	180 l	180 l	180 l
	AdBlue	10 l	n.a.	n.a.	n.a.
	Hydraulic oil tank	190 l	190 l	190 l	190 l
	Engine oil tank	8 l	8 l	14 l	14 l
	Cooling liquid	23 l	23 l	23 l	23 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 97/68/CE: concerning engine emissions standards				

