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TELESCOPIC HANDLERS

MAGNI RTH 6.22



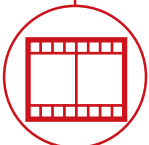
RTH 6.22



CONSTRUCTION



LOGISTICS



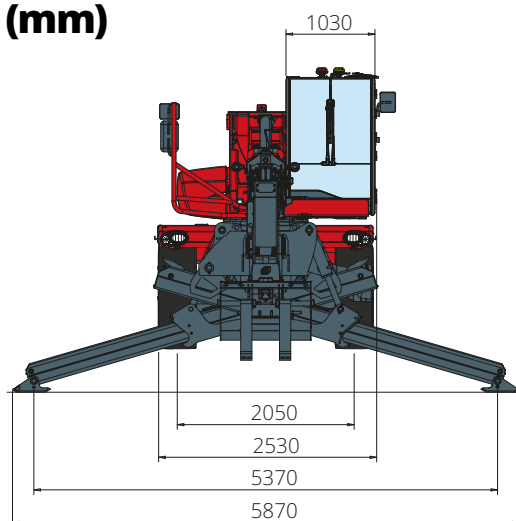
EVENTS AND
FILM



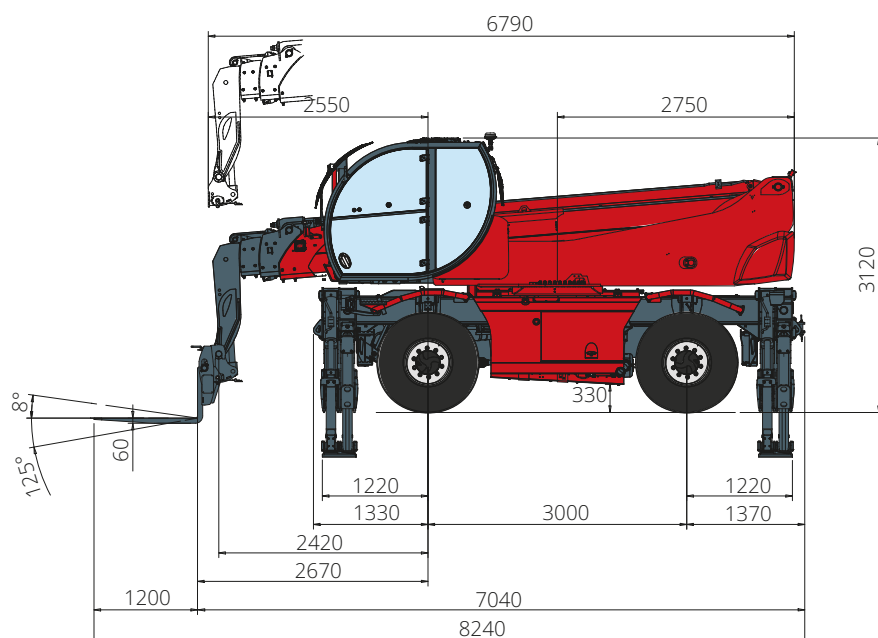
FORESTRY



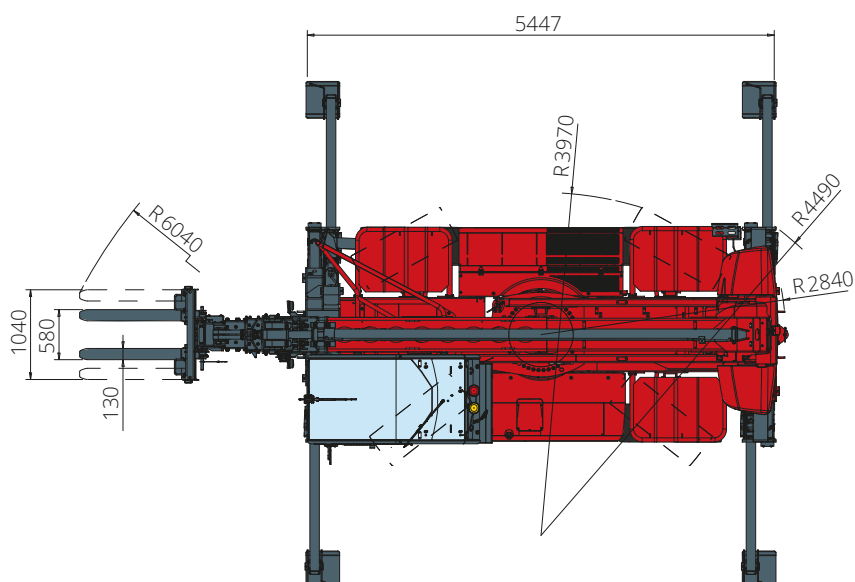
DIMENSIONS (mm)



FRONT
view

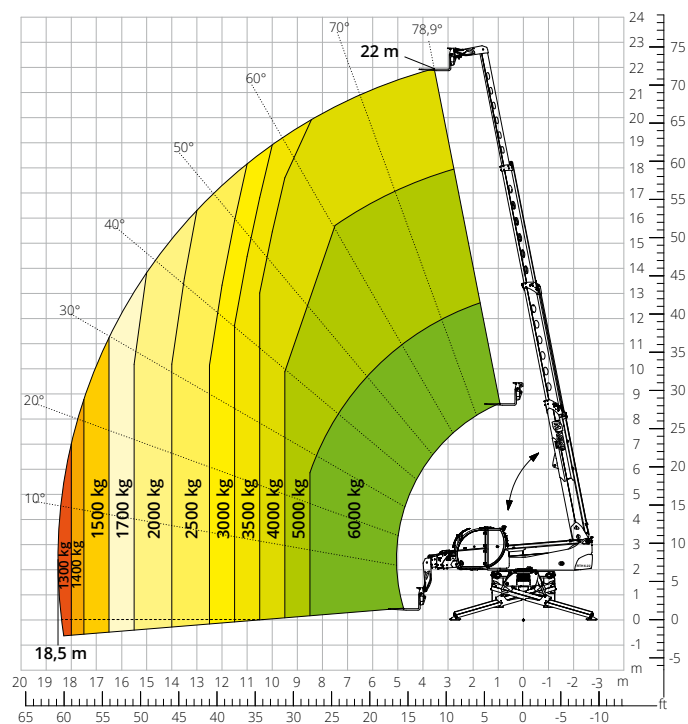


SIDE
view

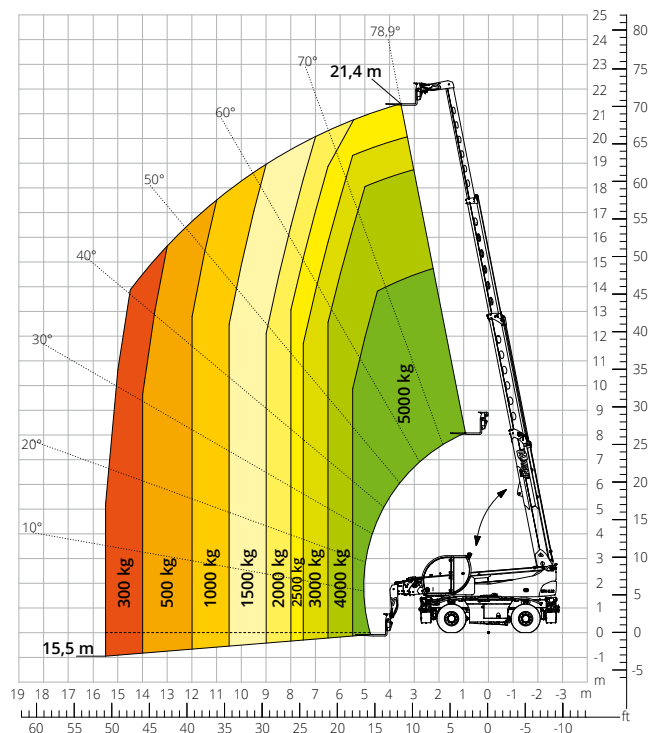


TOP
view

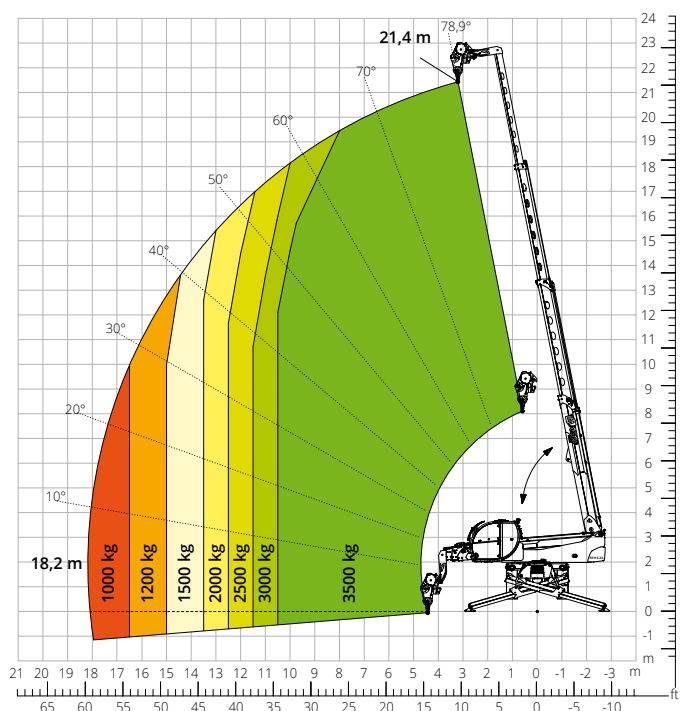
Load chart with
FULLY EXTENDED STABILISERS (360°)
 ATT-03-004



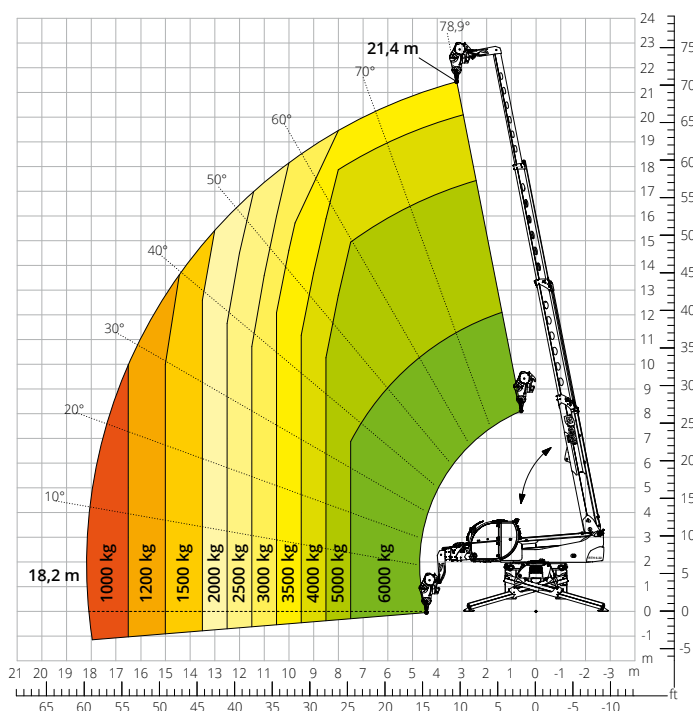
Load chart
FRONT ATTACHMENT ON TYRES
 ATT-03-004



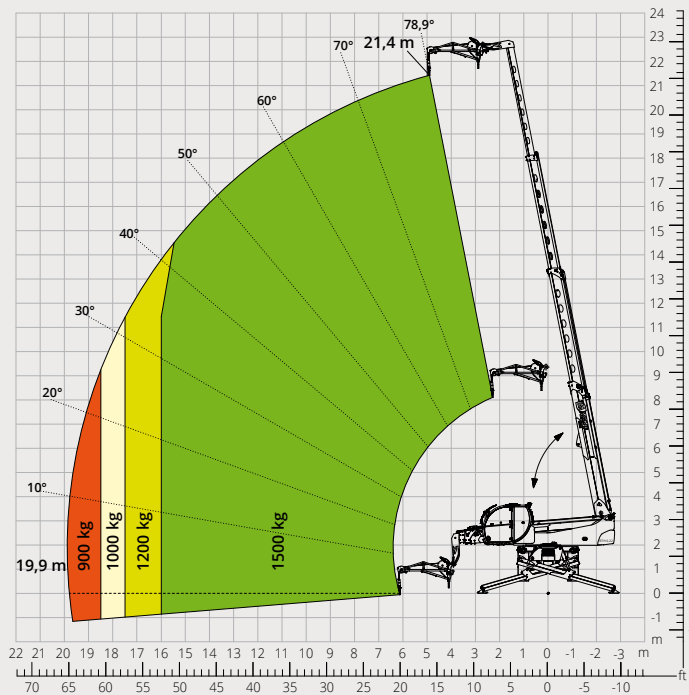
Load chart with
WINCH, 3,500 kg
 ATT-02-002



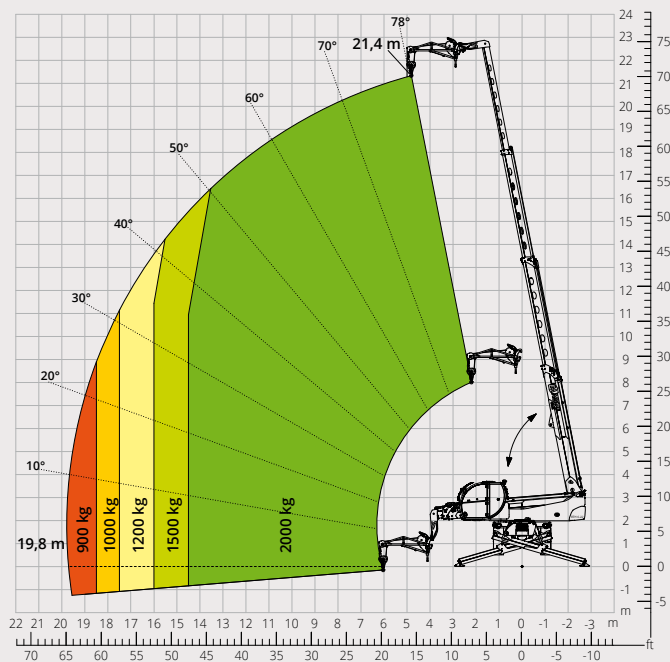
Load chart with
WINCH, 6,000 kg
 ATT-02-004



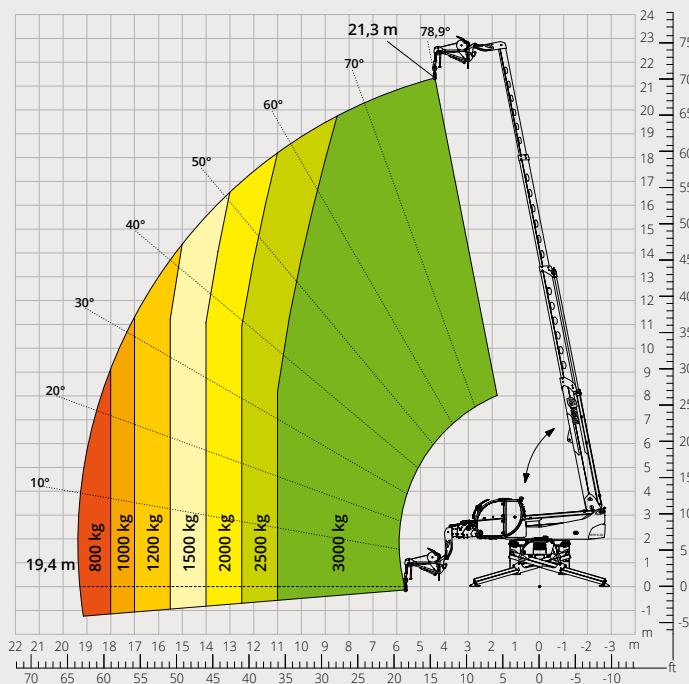
Load chart with
JIB WITH WINCH, 1,500 kg
ATT - 04 - 011



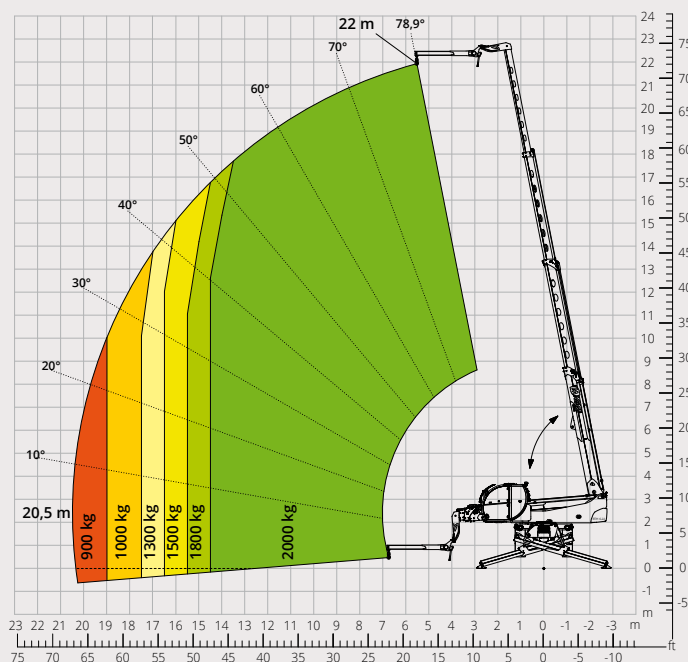
Load chart with
JIB WITH WINCH, 2,000 kg
ATT - 04 - 015



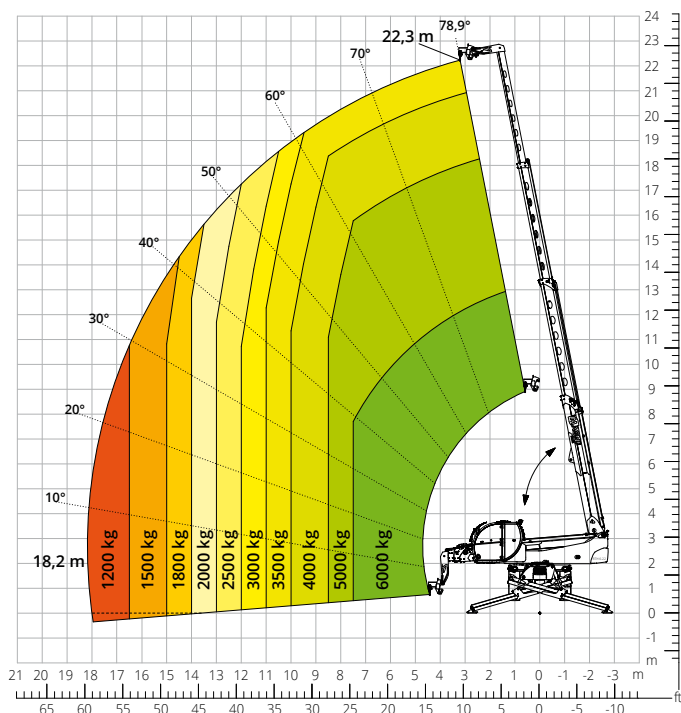
Load chart with
JIB WITH WINCH, 3,000 kg
ATT - 04 - 019



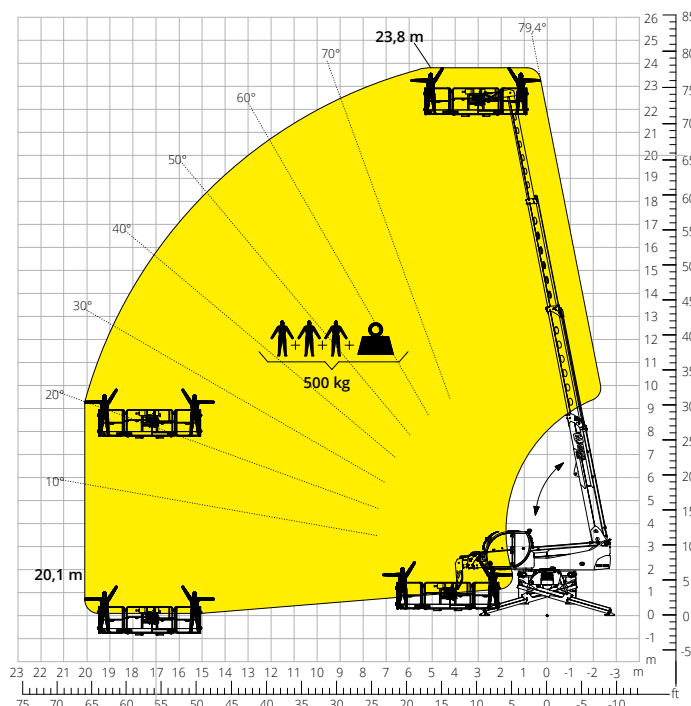
Load chart with
JIB, 2,000 kg
ATT - 04 - 013



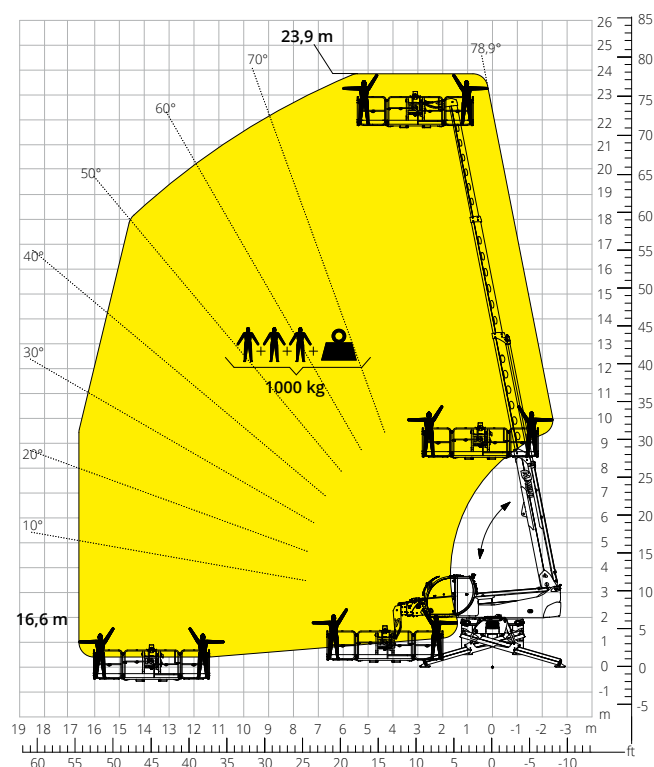
Load chart with
HOOK, 6,000 kg
ATT - 05 - 001



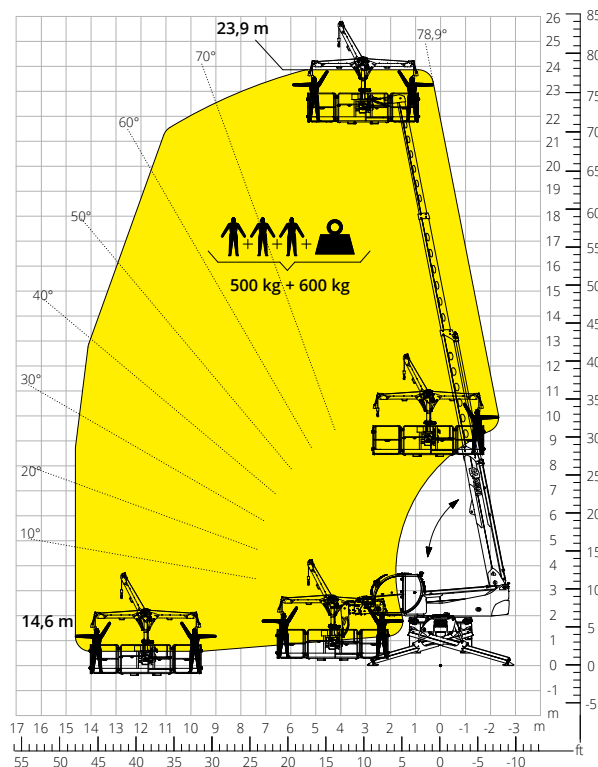
Load chart with
ROTATING EXTENDABLE PLATFORM, 500 kg
ATT - 01 - 007



Load chart with
ROTATING EXTENDABLE PLATFORM, 1,000 kg
ATT - 01 - 016



Load chart with
PLATFORM, 500 kg, WITH WINCH, 600 kg
ATT - 01 - 026



Machine model	Rotating telescopic handler		RTH 6.22
	Maximum lifting capacity		6,000 kg
	Maximum lifting height		22.00 m
	Maximum reach		18.50 m
	Rotation		360° (continuous)
Stabilisers	Type Telescopic scissor		
Engine	Model	Deutz TCD 3,6 L4 EDG Stage IIIA	Deutz TCD 3,6 L4 Stage V
	Rated power	100 kW (136 hp) at 2,200 rpm	
	Maximum torque	500 Nm at 1,600 rpm	500 Nm at 1,600 rpm
	Displacement	3,6 l	
	Cylinders	4 in line	
	Engine type	Turbocharged direct injection diesel	
	Cooling system	Water – intercooler	
Transmission	Type	Hydrostatic	
	Maximum pressure	480 bar	
	Gearbox	Dropbox, 2 speeds forward-reverse	
Axles and brakes	Type	Axles with planetary gearboxes	
	Front axle	Oscillating and steering with levelling, +/-8°	
	Rear axle	Oscillating and steering with hydraulic lock	
	No. of driving/steering wheels	4WD - 4WS	
	Steering mode	Frontal/Concentric/Crab	
	Service brake	Wet multi-disk on front and rear axle	
	Parking brake	Hydraulic with negative action on front axle	
	Tyre sizes	445/65 R22.5	
Performance	Max. travel speed	40 km/h	
	Gradeability (unladen)	36%	
	Turning radius (at forks)	6,040 mm	
Weights	Total unladen* 19,100 kg		
Tank and system capacities	Diesel fuel	240 l	240 l
	AdBlue	-	10 l
	Hydraulic fluid	117 l	117 l
	Engine oil	9 l	9 l
	Coolant	20 l	20 l
Hydraulic circuit for movements	Circuit type	Load sensing	
	Service pump	Variable displacement	
	Max. hydraulic flow rate	130 l/min	
	Max. boom head flow rate	75 l/min	
	Max. working pressure	350 bar	
	Distributor for boom and turret movements	SIL 2 electro-proportional valve	
	Movements control	Dual joystick with integrated manoeuvre enable	
Standards met	2006/42/EC: EU Machinery Directive		
	2016/1628: EU Regulation on the emissions of stage V engines		
	EN 1459-X: Relating to standards on the safety requirements for variable reach machines		
	EN 280-1/EN 280-2: standards relating to mobile elevating work platforms (if available)		
	ROPS/level 2 FOPS: relating to the standards for protective structures		

The data given in this brochure are provided for information purposes and are subject to change without prior notice.

All images are purely guideline and might not give an exact representation of the product.

*the stated weight refers to the vehicle unladen with standard equipment and may vary depending on the chosen configuration.

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