



# RTH 6.26

PRELIMINARY

<b>Machine model</b>	Rotating telescopic handler	RTH 6.26	
	Maximum lifting capacity	6.000 kg / 13,200 lbs	
	Maximum reach	22,2 m / 72' 10"	
	Maximum lifting height	25,8 m / 84' 7"	
	Rotation	360° (continuous)	
<b>Stabilizers</b>	Type	Scissors Stabilizers with single telescopic extension (Magni patented)	
	Commands	Independent or combined	
<b>Engine</b>	Type	<b>Deutz TCD 3,6 L4 Stage V</b>	<b>Deutz TCD 3,6 L4 EDG Stage IIIA</b>
	Rated Power	100 kW (136 hp) @ 2,200 rpm	
	Maximum torque	500 Nm @ 1,600 rpm	
	Displacement	3,620 cm <sup>3</sup>	
	Cylinders	4 in linea	
	Engine configuration	Turbocharged direct injection diesel	
	Cooling System	Water - Intercooler	
	N. batteries	2 x 12 V	
	Battery type	SHD	
	Batteries capacity	1,200 A-190 Ah	
<b>Transmission</b>	Type	Hydraulic	
	Maximum pressure	480 bar	
	Gearbox	2 speeds forward-reverse	
<b>Axles and brakes</b>	Type	Axles with planetary gearboxes	
	Front axle	Oscillating, steering with levelling +/-8°	
	Rear axle	Oscillating and steering with hydraulic locking	
	N. steering weels	4WD	
	Steering types	Front/Round/Crab	
	Service brake	Hydraulically operated wet multi-disk brakes on each axle	
	Parking brake	Hydraulic with negative action	
	Tyre sizes	445/65 R22,5	
<b>Performance</b>	Max. travel speed	40 km/h	
	Drawbar pull	68 kN	
	Gradeability	34%	
	Turning circle (at forks)	6,670 mm / 21' 10"	
<b>Weights</b>	Total unladen	19,600 kg / 43,210 lbs	
	Front axle unladen (boom retracted and lowered)	8,500 kg / 18,739 lbs	
	Rear axle unladen (boom retracted and lowered)	11,100 kg / 24,471 lbs	
<b>Tank and system capacities</b>	Diesel fuel tank	240 l / 63 US gal	240 l / 63 US gal
	AdBlue	10 l / 2.6 US gal	/
	Hydraulic fluid	107 l / 28 US gal	107 l / 28 US gal
	Engine oil	9 l / 2.3 US gal	9 l / 2.3 US gal
	Cooling liquid	20 l / 5.2 US gal	20 l / 5.2 US gal
<b>Hydraulic circuit for movements</b>	Circuit type	Load sensing	
	Service pump	Variable displacement piston pump	
	Max hydraulic capacity	130 l/min	
	Max. working pressure	350 bar	
	Distributor for boom and turret movements	SIL 2 electro-proportional valve	
	Movements control	2 no. two-axis Danfoss joysticks with deadman safety device	
<b>Standards met</b>	EN 1459-2: concerning standards for slewing variable-reach trucks EN 280 / EN 280-1: concerning standards for mobile elevating work platforms FOPS Level 2 / ROPS EU 2016/1628: concerning engine emissions standards		

The data in this brochure are informative and subject to change without notice. All Pictures shown are for illustration purpose only. Actual product may vary.