

## **TR40-180 V Rotary Telescopic Handler**

## Telescopics

Specifications

Performance	
Rated capacity Max. lifting height (stabilisers fully extended) Capacity at max. height (stabilisers fully extended) Turret Rotation Max. speed	4,000 kg @ 500 mm Load Center 18 m 3000 kg +/-200° (limited) 25.0 km/h
Stabilisers	
Type Stabilization system	Pivoting stabilisers Ground pressure detection. Automatic levelling.
Weights	
Weight (unladen)	14400 kg
Engine	
Make / Model Compliancy Rated power (ISO 14396) Maximum torque Number of cylinders Displacement	DEUTZ TCD 3.6 L4 stage V 55 kW (75 hp) @ 2,200 rpm 405 Nm @ 1,300 rpm 4.0 3.60 L
Hydraulic System	
Pump capacity Relief valve pressure setting Control valve (boom and turret)  Drive System	70.00 L/min 270.00 bar Electro-proportional with flow sharing
Transmission Main drive	Hydrostatic with electronic regulation / 4 wheel drive Electronically controlled variable displacement pump. Variable displacement motor. 2-speed gear box
Traction	
Standard tyres Towing force Gradeability	445/65 R19,5 74.00 kN 53.00 %
Axles and brakes	
Axle type Rear axle Front axle Service brake Parking brake Steering	Oil-immersed axles with planetary gears Oscillating and steering with hydraulic locking steering Hydraulically operated wet multi-disk brakes on each axle Hydraulic with negative action
Steering modes	3 steering modes with semi-automatic wheel realignment.
External turning radius (with forks)	2 wheel steering / 4 wheel steering / Crab-steer 4 m
Fluid Capacities	
Fuel tank Adblue Hydraulic reservoir	175.00 L 10.00 L 165.00 L
Environmental	
Operator noise level (LpA) (En 12053) Level of acoustic power (LWA) Whole body vibration (ISO 2631-1): Hand-arm vibration (ISO 5349–1)	74 dB(A) 104 dB(A) 0.42 ms <sup>-2</sup> 0.41 ms <sup>-2</sup>
Standards	
Standard compliance	EN 1459-2: slewing variable-reach trucks. EN 13000: hydraulic cranes. EN 280: mobile elevating work platforms. FOPS/ROPS cabin. EU 2016/1628: engine emissions

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## Dimensions - mm

**Load Chart** 

