



Stabilisers

Stabilization area (stabilisers fully extended)	5.19 x 5.61 m
Stabilization system	Ground pressure detection. Automatic levelling. Lifting capacity adjusted in proportion to stabiliser extension

Axles and brakes

Axle type	Axles with planetary gearboxes
Emergency brake	Passive brake with automatic actuation
Rear axle	Oscillating and steering with hydraulic locking
Front axle	Oscillating, steering with levelling +/-8°

Standards

Standard compliance	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
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Performance

Max. speed	40.00
Turret Rotation	360.00
Frame levelling	+/- 8°
Max. reach (stabilisers fully extended)	22.20
Max. lifting height (stabilisers fully extended)	25.80
Capacity at max. reach (stabilisers fully extended)	600.00KG
Rated capacity	6,000 kg @ 600 mm Load Center
Capacity at max. height (stabilisers fully extended)	3500.00KG

Hydraulic System

Relief valve pressure setting	350.00BAR
Output at the auxiliary line	65.00
Pump type	Load Sensing pump
Pump capacity	130.00
Control valve (boom and turret)	SIL 2 electro-proportional valve

Drive System

Main drive	Electronically controlled variable displacement pump. Variable displacement motor. 2-speed gear box
Transmission	Hydrostatic with electronic regulation / 4 wheel drive
Gradeability	34.00

Traction

Max. speed at Low range (turtle)	11.00
Max. speed at High range (rabbit)	40.00
Towing force	68.00
Standard tyres	445/65 R22,5

Brakes

Parking brake	Hydraulic with negative action
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Steering

Steering modes	3 steering modes with semi-automatic wheel realignment. 2 wheel steering / 4 wheel steering / Crab-steer
External turning radius (with forks)	3.98

Fluid Capacities

Adblue	10.00L
Hydraulic / Hydrostatic reservoir	130.00L
Cooling system	20.00L
Fuel tank	240.00L

Fluid Specifications

Engine oil	9.00L
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Controls

Service brake	Hydraulically operated wet multi-disk brakes on each axle
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Environmental

Whole body vibration (ISO 2631-1)	0.49
Operator noise level (LpA) (EN 12053)	72.00
Level of acoustic power (LWA)	106.00
Hand-arm vibration (ISO 5349–1)	0.57

Engine

Number of Cylinders	4.0
Rated power (ISO 14396)	100 kW (136 hp) @ 2,200 rpm
Displacement	3.60L
Maximum torque	500 Nm @ 1,600 rpm
Cooling	liquid - Intercooler
Compliance	Stage V
Make / Model	Deutz TCD 3.6 L4
Fuel	Diesel

Weights

Front axle weight unladen (boom retracted and lowered)	8100.00KG
Weight (unladen)	19600.00KG
Rear axle weight unladen (boom retracted and lowered)	9900.00KG

Standard Features

Frame and Telescopic boom: • Pallet Fork Frame Floating, 1,3m wide, Forks included • Automatic RFID tools recognition system • Winch ready	• Quick fit carriage with manual attachment lock • Auxiliary hydraulic line on boom head and return line to hydraulic tank • Man platform ready and electric emergency pump • Heavy duty axles with epicyclic reduction gears, oil immersed brakes
• Rear axles oscillating and steering with hydraulic locking • Frame leveling +/-8° • Right and left side mirrors	• Towing hook • Complete road lights (front & rear) • *****
Cabin and main functions: • Cabin with full glass window door • Pressurized Cab, 100% air filtration • Automatic parking brake • Front wipers with washer • Adjustable steering column • Air conditioning (HVAC) • Bluetooth radio, microphone & loudspeakers • Jog shuttle	• Premium seat (tiltable with pneumatic suspension and headrest) • Full tinted glass • ROPS/FOPS operator cabin • Roof window wiper • Rotating beacon • Heating, demisting and ventilation • Back-up alarm • 12" touch screen • Two multifunctional joysticks with proportional controls and forward/reverse drive
• Load moment control system with dynamic load chart on touchscreen display • Autoleveling system on stabilisers	• Auto idle • 3 steering modes (2WS /4WS / CRAB) with semi-automatic wheel realignment • Front and rear wheels alignment indicator • CAN Bus technology with auto-diagnostic system
• Rear axle lock indicator • 24V Electric socket • *****	Drive/Engine/Hydraulic: • Electro proportional main valve with flow sharing • Hydrostatic transmission with electronically controlled variable displacement pump Variable displacement motor 2-speed gear box (turtle/rabbit) • Standard tyres - set of 4 x 445/65 R22,5"
• Load Sensing piston pump 105 l/min at 350 bar	• Battery Disconnection (inside engine compartment)
• High precision slewing drive	• 2 year warranty or 2000 hours (refer to the Bobcat standard warranty policy for terms and conditions)
• 40 km/h max drive speed • Turbo-charged engine - Deutz TCD 3.6 L4 Stage V - 134hp / 500Nm • *****	
• Telemetry system	