

FOCUSED EQUIPMENT. PERSONAL SUPPORT.

KD50

Wheel Loader



Representative product image. Attachments shown may be optional.

5,000 kg

RATED LOAD

162 kW

RATED ENGINE POWER

3 m³

BUCKET CAPACITY

KD50 — Wheel Loader. 5,000 kg · 162 kW · 3 m³.

20 YEARS OF MANUFACTURING EXPERIENCE

24/7 TECHNICAL SUPPORT

KD50 / Wheel Loader**LOAD & PERFORMANCE**

Rated load	5,000 kg
Machine weight	16,500 kg
Bucket capacity	3.0 m ³
Maximum traction force	≥168 kN
Maximum breakout force	≥170 kN
Gradeability	30°
Maximum dumping height	3,142 mm
Maximum dump reach	1,250 mm
Overall dimensions (L × W × H)	8,085 × 2,963 × 3,463 mm
Minimum turning radius	6,732 mm

ENGINE

Engine - configuration shown	Weichai Steyr WD10G220E21
Engine type	In-line, water cooled, dry cylinder, direct injection
Cylinders / bore × stroke	6 / 126 × 130 mm
Rated engine power	162 kW
Rated engine speed	2,400 rpm
Maximum engine torque	890 N·m
Minimum fuel consumption rate	≤215 g/kWh

TRANSMISSION & CHASSIS

Torque converter	YJ375
Gearbox	Planetary power shift
Gear ranges	4 forward / 4 reverse
Maximum travel speed	39 km/h
Main transmission	Spiral gear, first-stage reduction
Final drive	Single-stage planetary reduction
Wheelbase	3,200 mm
Wheel track	2,250 mm
Minimum ground clearance	450 mm

HYDRAULICS, BRAKES & TIRES

System working pressure	18 MPa
Boom lifting time	≤5.1 s
Total cycle time	≤9.3 s
Fuel tank capacity	260 L
Hydraulic tank capacity	300 L
Automatic levelling	Yes
Service brake	Air-over-hydraulic disc brake on all four wheels
Parking brake	Manual
Tire size	23.5-25
Front tire pressure	0.39 ± 0.01 MPa
Rear tire pressure	0.33 ± 0.01 MPa
Steering type	Articulated load-sensing hydraulic
Steering angle	38° each side

Engine options: Cummins; EU Stage V or US EPA Tier 4 configurations are available subject to model compatibility and final order confirmation.

Specification notice: Product specifications and configurations can be customized to meet customer requirements, subject to final order confirmation. All technical specifications are subject to change without prior notice due to technical improvements and enhancements to manufacturing processes. The final technical specifications confirmed in the order shall prevail.