

Wheel Loader Series

SL50WN-6



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Wheel Loader Series

SL50WN-6

ENGINE

Make	Weichai
Model	WD10G220E23
Emission Regulation	Euro 2
Rated Power	162 kW@2200 rpm
Maximum Torque	900 Nm@1400 rpm
Displacement	9.726ℓ
Cylinder	6-126 x 130 mm (borexstroke)
Water cooled	Yes
Direct injection	Yes
Aspiration	Turbocharged & intercooled
Radiator	Enlarged radiator

TRANSMISSION

Make	ZFWG200
Torque converter	Integrated with transmission
Transmission	Fixed-shaft, Multi-speed, Electronic controlled hydraulic transmission
Max. travel speed, fwd	35 km/h
Max. travel speed, rev	25 km/h
Number of gears, fwd	4
Number of gears, rev	3

AXLES

Drive system	Four-wheel drive
Differential front type	Conventional
Differential rear type	Conventional
Axle Oscillation	±12°
Gradeability	30°
Max. traction	160 kN

BRAKING SYSTEM

Service Brake	Air over oil four-wheel dual-loop disc brake system
Parking Brake	Automatically air-cut brake, disc brake

STEERING SYSTEM

Type	Articulated type, full-hydraulic power steering
Steering Relief Pressure	18 Mpa
Maximum steering angle	35° each direction
The center of outside tire	6290 mm
The center of outside bucket	7260 mm

HYDRAULIC CONTROL SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 Mpa
Lifting time	5.6 s
Cycle time	10.5 s
Pilot control	Yes

BUCKET

Bucket type	Rock bucket/Coal bucket
Bucket size	3 cube/4 cube
Teeth Number	7

TYRES

Type	23.5-25 16PR Tubeless
Pattern Level	L-3

LOADER ARM PERFORMANCE

Static tipping load (full turn)	10000 kg
Maximum lifting force	185 kN
Related loading	5000 kg
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	3200 mm
Dump Reach at Full Height Discharge	1230 mm
Maximum Hinge Pin Height	4190 mm
Maximum Digging Depth, Bucket Level	32 mm
Bucket Rollback at Ground Level	45°
Bucket Rollback at Carry	59°
Bucket Rollback at Maximum Height	54°

CAB

ROPS&FOPS	Optional
A/C	YES
Adjustable air suspension seat	YES
Seat belt	YES
Strobe light	YES
Fire extinguisher	YES, SABS Standard
Engine oil pressure meter	YES
Hydraulic oil temperature meter	YES
Coolant temperature meter	YES
Hour meter	YES
Voltage meter	YES

DIMENSIONS AND WEIGHT

Overall length	8025 mm
Overall width	3026 mm
Overall height	3410 mm
Min. ground clearance	430 mm
Wheel Base	3200 mm
Operating weight	16.65 ton
Turning radius (Outside of Tire)	7256 mm
Turning radius (Outside of Bucket)	6584 mm
Wheel Tread	2250 mm

ELECTRICAL EQUIPMENT

Batteries	2x12V-120Ah maintenance free
Starter Motor	8.1 kW
Alternator	70 A

SERVICE

Fuel tank	230ℓ
Engine coolant	60ℓ
Engine oil	28ℓ
Hydraulic tank	170ℓ
Transmission and torque converter	45ℓ
Front axle	27ℓ
Rear axle	27ℓ

The specifications are subject to change without notice. The pictures may include options. The actual colour & appearance of the product may differ from what is shown.

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Address: Unit 1 Jurgens Street, Jet Park Ext 5-1619 Tel: +27 (0) 11 390 8160