

L39-B3

SHANTUI
VALUE THAT WORKS

WHEEL LOADER
SERIES

ENGINE MODEL	WEICHAI WP6
RATED POWER	92 KW/2200 RPM
OPERATING WEIGHT	10.8 T

LET'S MAKE
CONSTRUCTION EASIER



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L39-B3 TECHNICAL PARAMETERS

WHEEL LOADER SERIES

SHANTUI
VALUE THAT WORKS

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Weichai
Model	WP6G125E22
Rated Power	92 kW (125 hp) @ 2,200 rpm
Max Torque	540 N · m
Displacement	6.75 L
Number of Cylinders	6
Aspiration	Turbocharged

LOADER ARM PERFORMANCE

Tipping Load - Full Turn	6000 kg
Bucket Breakout Force	105 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	3057 mm
Dump Reach at Full Height Discharge	906 mm
Maximum Hinge Pin Height	3980 mm
Maximum Digging Depth, Bucket Level	62 mm
Bucket Capacity	1.8 m ³
Operating Weight	10800kg

TRANSMISSION

Transmission Type	Planetary, power shift
Torque Converter	/
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	16.4 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	1

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±12°

STEERING

Steering Configuration	Articulated
Steering System Pressure	14 Mpa

BRAKES

Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over Hydraulic
Parking Brake Type	Flexible shaft control
Parking Brake Actuation	Mechanical

TIRES

Tire Size	17.5-25 L3
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HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	16 Mpa
Raise time	4.8 S
Total Cycle Time	8.9 S

SERVICE CAPACITY

Fuel Tank	150 L
Hydraulic oil Tank	160 L
Engine Oil	18 L
Axles, each	18X2 L
Transmission	38 L
Cooling System	26 kg

DIMENSIONS

Length	7275 mm
Width	2518 mm
Height	3235 mm
Wheelbase	2900 mm
Wheel Tread	1856 mm
Ground Clearance	340 mm
Turn Angle, Either Side	38°
Turning Radius, Outside of Tire	5415 mm
Turning Radius, Center of Tire	5190 mm
Turning Radius, Bucket Carry	6036 mm

