

# L58-C3

**SHANTUI**  
VALUE THAT WORKS

WHEEL LOADER  
SERIES

ENGINE MODEL	WEICHAI WP10
RATED POWER	162 KW/2000 RPM
OPERATING WEIGHT	17.2 T

LET'S MAKE  
CONSTRUCTION EASIER



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# L58-c3 TECHNICAL PARAMETERS

## WHEEL LOADER SERIES

### ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Weichai
Model	WP10G220E343
Rated Power	162 kW (220 hp) @ 2,000 rpm
Max Torque	980 N · m
Displacement	9.726 L
Number of Cylinders	6
Aspiration	Turbocharged

### LOADER ARM PERFORMANCE

Tipping Load - Full Turn	10000 kg
Bucket Breakout Force	185 kN
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	4186 mm
Maximum Digging Depth, Bucket Level	40 mm
Bucket Capacity	3 m <sup>3</sup>
Operating Weight	17200kg

### TRANSMISSION

Transmission Type	Planetary, power shift
Torque Converter	Single stage, four elements
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	17 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	18 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	23.5-25 L3
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### HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 Mpa
Raise time	5.5 S
Total Cycle Time	10.5 S

### SERVICE CAPACITY

Fuel Tank	230 L
Hydraulic oil Tank	170 L
Engine Oil	20 L
Axles, each	27X2 L
Transmission	45 L
Cooling System	60 kg

### DIMENSIONS

Length	8100 mm
Width	3030 mm
Height	3540 mm
Wheelbase	3300 mm
Wheel Tread	2250 mm
Ground Clearance	430 mm
Turn Angle, Either Side	35°
Turning Radius, Outside of Tire	6565 mm
Turning Radius, Center of Tire	6265 mm
Turning Radius, Bucket Carry	8215 mm

