

# L68-C3

**SHANTUI**  
VALUE THAT WORKS

WHEEL LOADER  
SERIES

ENGINE MODEL	WEICHAI WP10
RATED POWER	178 KW/2200 RPM
OPERATING WEIGHT	21.5 T

LET'S MAKE  
CONSTRUCTION EASIER



SHANTUI CONSTRUCTION MACHINERY CO., LTD.

ADDRESS: No. 58, G327 Highway Jining City, Shandong, CHINA

TEL: +86-537-2909369 FAX: +86-537-2311219

EMAIL: trade@shantui.com WEB: www.shantui.com



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# L68-C3 TECHNICAL PARAMETERS

## WHEEL LOADER SERIES

### ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Weichai
Model	WP10G240E341
Rated Power	178 kW (240 hp) @ 2,200 rpm
Max Torque	1100 N · m
Displacement	9.726 L
Number of Cylinders	6
Aspiration	Turbocharged

### LOADER ARM PERFORMANCE

Tipping Load - Full Turn	12000 kg
Bucket Breakout Force	180 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	3325 mm
Dump Reach at Full Height Discharge	1270 mm
Maximum Hinge Pin Height	4503 mm
Maximum Digging Depth, Bucket Level	45 mm
Bucket Capacity	3.5 m³
Operating Weight	21500kg

### TRANSMISSION

Transmission Type	Planetary, power shift
Torque Converter	Single stage, four elements
Maximum Travel Speed, fwd	38 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	26.5-25 L3
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### HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 Mpa
Raise time	5.8 S
Total Cycle Time	11.5 S

### SERVICE CAPACITY

Fuel Tank	230 L
Hydraulic oil Tank	255 L
Engine Oil	21 L
Axles, each	27X2 L
Transmission	45 L
Cooling System	80 kg

### DIMENSIONS

Length	8670 mm
Width	3080 mm
Height	3640 mm
Wheelbase	3400 mm
Wheel Tread	2250 mm
Ground Clearance	515 mm
Turn Angle, Either Side	35°
Turning Radius, Outside of Tire	6905 mm
Turning Radius, Center of Tire	6530 mm
Turning Radius, Bucket Carry	7548 mm

