

SHANTUI

SR12-B6

Road Roller



Engine Model: Weichai WP4G130E22
Gross Power: 97.5kW @ 2200rpm
Operating Weight: 12,000kg

Focus on soil compaction
road construction expert

SR12-B6 SPECIFICATIONS

ENGINE

Model	Weichai WP4G130E22
Number of Cylinders	4
Type	4-cycle, Direct Injection, Water-cooled
Aspiration	Turbocharged
Bore x Stroke	105*130mm
Displacement	4.5L
Gross Power	97.5kW @ 2200rpm
Max. Torque	560N.m @ 1400~1600rpm
Rated Fuel Consumption	215g/kW.h
Emission	China-II

POWER TRAIN

Type	Hydrostatic, All-wheel Drive
Driving Pump	Mechanical Control, Variable Piston Pump 75ml/r
Axle Drive	Variable Piston Motor
Drum Drive	Constant Piston Motor
Tire	23.1-26-8PR/20.5-25-16PR
Max. Grade Ability	48%
Forward, I, II	0~5.3km/h, 0~9.9km/h
Reverse, I, II	0~5.3km/h, 0~9.9km/h

STEERING

Type	Hydraulic Power, Articulated Steering
Steering Angle	±33°
Oscillating Angle	±12°
Min. Turning Radius	6400mm

BRAKES

Service Brake	Hydraulic Inertia Brake
Parking Brake	Multi-disc Brake, Hydraulic Control
Emergency Brake	Hydraulic Inertia Brake & Multi-disc Brake

DRUM

Width	2130mm
Diameter	1500mm
Drum Shell Thickness	20mm

VIBRATION

Type	Hydrostatic, Electric Control
Vibration Pump	Variable Piston Pump
Vibration Motor	Constant Piston Motor
Frequency, Low	30Hz
Frequency, High	36Hz
Amplitude, High	2mm
Amplitude, Low	1mm
Centrifugal Force, Maximum	290kN
Centrifugal Force, Minimum	200kN

CAPACITIES

Fuel Tank	260L
Hydraulic Oil Tank	100L
Engine Coolant	17L
Engine Crank Case	11L

ELECTRICAL SYSTEM

Battery	2x12V, 120Ah
Alternator	28V, 80A
Starter Motor	24V, 6kW

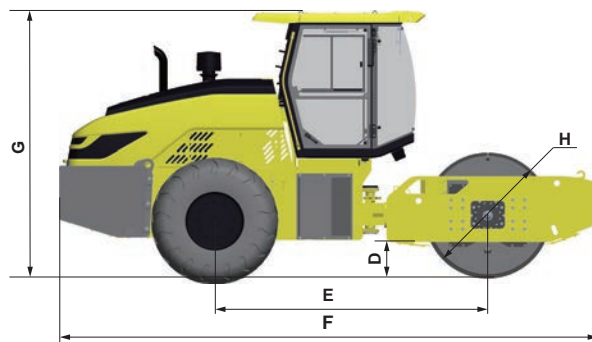
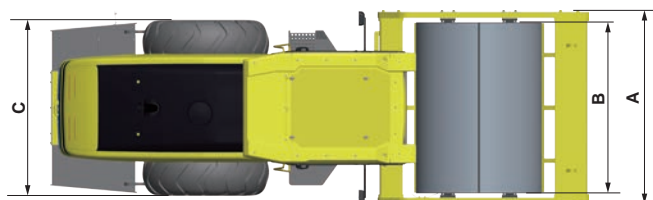
WEIGHT

Operating Weight	12000kg
Axle Load, Drum	7000kg
Axle Load, Wheel	5000kg
Static Linear Load (at Drum)	327N/cm

DIMENSIONS

CAB

A	2305mm
B	2130mm
C	2180mm
D	360mm
E	3100mm
F	5890mm
G	3160mm
H	1500mm



* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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