

# SHANTUI

## SR18H-B6

Road Roller



Engine Model: Weichai WP6G175E22  
Gross Power: 129kW @ 2200rpm  
Operating Weight: 18,200kg

Focus on soil compaction  
road construction expert

# SR18H-B6 SPECIFICATIONS

## ENGINE

Model	Weichai WP6G175E22
Number of Cylinders	6
Type	4-cycle, Direct Injection, Water-cooled
Aspiration	Turbocharged
Bore x Stroke	105*130mm
Displacement	6.75L
Gross Power	129kW @ 2200rpm
Max. Torque	700N.m
Rated Fuel Consumption	215g/kW.h
Emission	China-II

## POWER TRAIN

Type	Hydrostatic, Rear-wheel Drive
Driving Pump	Variable Piston Pump
Axle Drive	Constant Piston Pump
Tire	23.1-26-14PR/20.5-25-16PR
Max. Grade Ability	30%
Forward, I	0-8.8km/h
Reverse, I	0-8.8km/h

## STEERING

Type	Hydraulic Power, Articulated Steering
Steering Angle	±33°
Oscillating Angle	±10°
Min. Turning Radius	7260mm

## BRAKES

Service Brake	Hydraulic Type
Parking Brake	Hydraulic Type
Emergency Brake	Hydraulic Type

## DRUM

Width	2130mm
Diameter	1550mm
Drum Shell Thickness	40mm
Number of Pad Feet	-
Height of Pad Feet	-

## VIBRATION

Type	Hydrostatic, Electric Control
Vibration Pump	Constant Gear Pump
Vibration Motor	Constant Gear Motor
Frequency, Low	30Hz
Frequency, High	26Hz
Amplitude, High	2.0mm
Amplitude, Low	1.0mm
Centrifugal Force, Maximum	340kN
Centrifugal Force, Minimum	170kN

## CAPACITIES

Fuel Tank	340L
Hydraulic Oil Tank	150L
Engine Coolant	24L
Engine Crank Case	16L

## ELECTRICAL SYSTEM

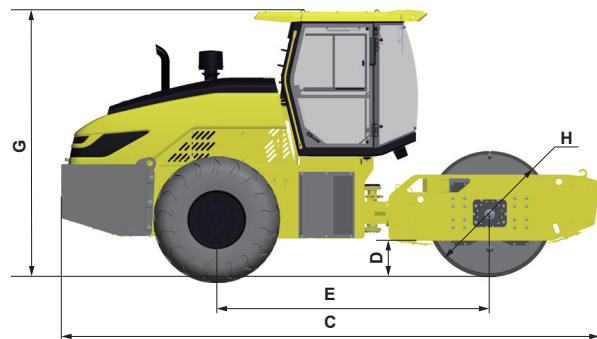
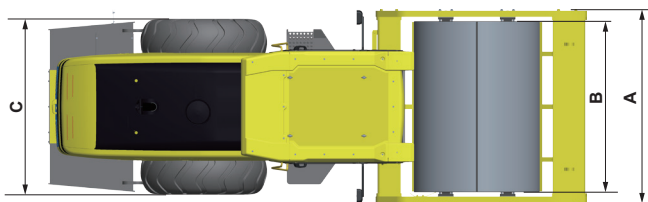
Battery	24V/120Ah
Alternator	80A
Starter Motor	6kW

## WEIGHT

Operating Weight	18200kg
Axle Load, Drum	9200kg
Axle Load, Wheel	9000kg
Static Linear Load(at Drum)	431N/cm

## DIMENSIONS

A	2305mm
B	2130mm
C	2240mm
D	395mm
E	3450mm
F	6780mm
G	3290mm
H	1550mm



\* 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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