SHANTUI

Member of SDHi Group

SR12-C6

Road Roller



Engine Model:	Weichai WP4.6NG175E301
Gross Power:	129kW
Operating Weight:	12,600kg

Focus on soil compaction
road construction expert

EVCORE®

SR12-C6 SPECIFICATIONS

ENGINE	
Model	Weichai WP4.6NG175E301
Number of Cylinders	4
Type	Electronic control, inline, four stroke, turbocharging, air to air intercooling
Aspiration	Turbocharged
Bore x Stroke	108*125mm
Displacement	4.58L
Gross Power	129kW
Max. Torque	680N.m @ 1400~1600rpm
Rated Fuel Consumption	2196g/kW.h
Emission	China-III

POWER TRAIN	
Type	Hydrostatic, All-wheel Drive
Driving Pump	Mechanical Control, Variable Piston Pump 75ml/r
Axle Drive	Variable Piston Motor,105ml/r
Drum Drive	Constant Piston Motor,55ml/r
Tire	20.5-25-16PR/23.1-26-8PR/23.1-26-12PR
Max. Grade Ability	45%
Forward,I,II	0~6km/h,0~10km/h
Reverse,I,II	0~6km/h,0~10km/h

STEERING	
Type	Hydraulic Power, Articulated Steering
Steering Angle	±33°
Oscillating Angle	±11°
Min. Turning Radius	6400mm

BRAKES	
Service Brake	Hydraulic braking
Parking Brake	Hydraulic braking
Emergency Brake	Hydraulic braking

DRUM	
Width	2130mm
Diameter	1500mm
Drum Shell Thickness	25mm

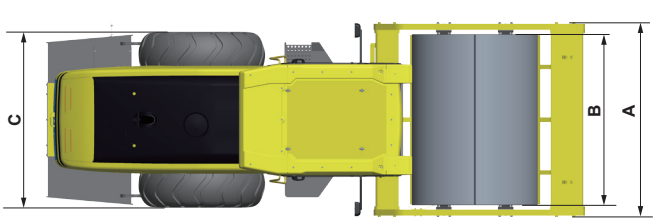
VIBRATION	
Type	Hydraulic vibration
Vibration Pump	Variable Piston Pump,55ml/r
Vibration Motor	Constant Piston Motor,55ml/r
Frequency, Low	30Hz
Frequency, High	36Hz
Amplitude, High	1.95mm
Amplitude, Low	1mm
Centrifugal Force,Maximum	290kN
Centrifugal Force,Minimum	200kN

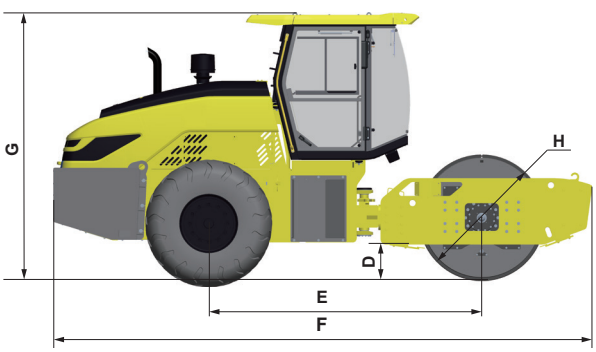
CAPACITIES	
Fuel Tank	250L
Hydraulic Oil Tank	80L
Engine Coolant	25L
Engine Crank Case	13L

ELECTRICAL SYSTEM	
Battery	2x12V, 93Ah
Alternator	28V, 80A
Starter Motor	24V, 4.5kW

WEIGHT	
Operating Weight	12600kg
Axle Load, Drum	7000kg
Axle Load, Wheel	5000kg
Static Linear Load (at Drum)	322N/cm

DIMENSIONS	CAB
A	2305mm
B	2130mm
C	2261mm
D	380mm
E	3087mm
F	5886mm
G	3185mm
H	1500mm





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

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