SHANTUI

SR10-B6

Road Roller

Engine Model:	Weichai WP4G130E22
Gross Power:	97.5kW @ 2200rpm
Operating Weight:	10,000kg

Focus on soil compaction
road construction expert

SR10-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
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	±35°
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	SMOOTH DRUM	PADFOOT DRUM
Width	2130mm	2130mm
Diameter	1500mm	1700mm
Drum Shell Thickness	20mm	20mm
Number of Pad Feet	-	150
Height of Pad Feet	-	95mm

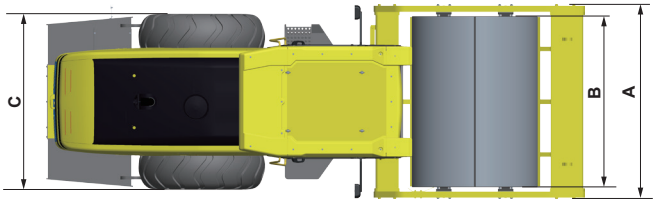
VIBRATION	SMOOTH DRUM	PADFOOT DRUM
Type	Hydrostatic, Electric Control	
Vibration Pump	Variable Piston Pump	
Vibration Motor	Constant Piston Motor	
Frequency, Low	30Hz	30Hz
Frequency, High	36Hz	36Hz
Amplitude, High	2mm	1.5mm
Amplitude, Low	1mm	0.8mm
Centrifugal Force,Maximum	270kN	270kN
Centrifugal Force,Minimum	180kN	180kN

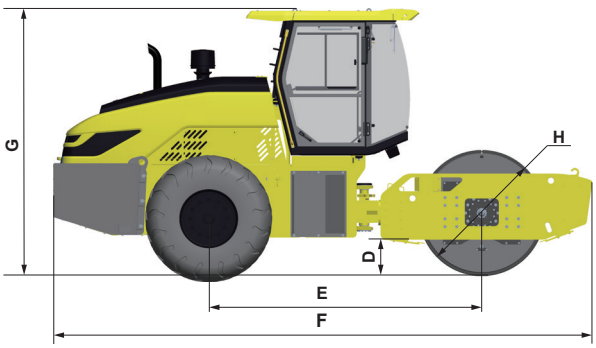
CAPACITIES	
Fuel Tank	260L
Hydraulic Oil Tank	100L
Engine Coolant	17L
Engine Crank Case	11L

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

WEIGHT	SMOOTH DRUM	PADFOOT DRUM
Operating Weight	10000kg	11200kg
Axle Load, Drum	6000kg	7200kg
Axle Load, Wheel	4000kg	4000kg
Static Linear Load (at Drum)	280N/cm	330N/cm

DIMENSIONS	SMOOTH DRUM	PADFOOT DRUM
A	2305mm	2305mm
B	2130mm	2130mm
C	2180mm	2180mm
D	360mm	360mm
E	3100mm	3100mm
F	5890mm	5890mm
G	3160mm	3160mm
H	1500mm	1700mm





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

SHANTUI CONSTRUCTION MACHINERY CO., LTD.
ADD: 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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