

SHANTUI

SR14M-B6

Road Roller



Engine Model: Shangchai SC4H140G2
Gross Power: 103kW @2000rpm
Operating Weight: 14,000kg

Focus on soil compaction
road construction expert

SR14M-B6 SPECIFICATIONS

ENGINE	
Model	Shanghai SC4H140G2
Number of Cylinders	4
Type	4-cycle, Direct Injection, Water-cooled
Aspiration	Turbocharged
Bore x Stroke	105*124mm
Displacement	4.3L
Gross Power	103kW @ 2000rpm
Max. Torque	535N.m @ 1400rpm
Rated Fuel Consumption	220g/kW.h
Emission	China-II

POWER TRAIN	
Type	Mechanical, Rear-wheel Drive
Clutch	Foot Actuated, Hydraulic Boost, Pneumatic Control, Multi-disc
Transmission	Mechanical Control, Fork Type
Axle	Dry type
Tire	20.5-25-16PR
Max. Grade Ability	30%
Forward,1-5	2.8km/h, 5km/h, 11km/h
Reverse,1	2.8km/h, 5km/h

STEERING	
Type	Hydraulic Power, Articulated Steering
Steering Angle	±32°
Oscillating Angle	±10°
Min. Turning Radius	6500mm

BRAKES	
Service Brake	Air over Oil Caliper Brake, Foot Actuated
Parking Brake	Drum Type, Manually Actuated

DRUM	SMOOTH DRUM	PADFOOT DRUM
Width	2130mm	2130mm
Diameter	1500mm	1700mm
Drum Shell Thickness	22mm	22mm
Number of Pad Feet	-	150
Height of Pad Feet	-	95mm

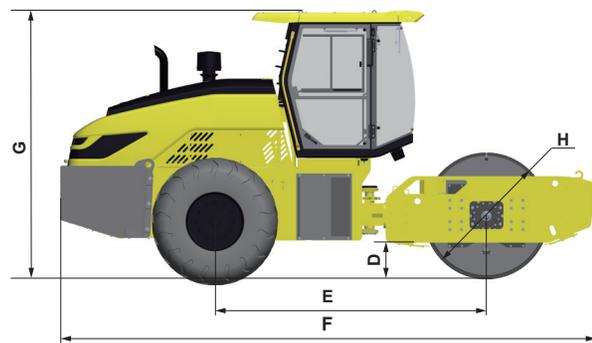
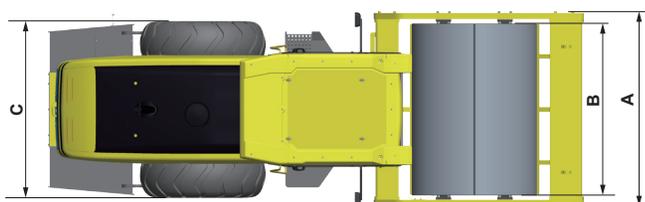
VIBRATION	SMOOTH DRUM	PADFOOT DRUM
Type	Hydrostatic	
Vibration Pump	Constant Gear Pump	
Vibration Motor	Constant Gear Motor	
Frequency, Low	30Hz	30Hz
Frequency, High	30Hz	30Hz
Amplitude, High	2.0mm	1.7mm
Amplitude, Low	1.0mm	0.85mm
Centrifugal Force, Maximum	290kN	290kN
Centrifugal Force, Minimum	145kN	145kN

CAPACITIES	
Fuel Tank	340L
Hydraulic Oil Tank	140L
Engine Coolant	25L
Engine Crank Case	13.5L

ELECTRICAL SYSTEM	
Battery	24V
Alternator	28V
Starter Motor	24V

WEIGHT	SMOOTH DRUM	PADFOOT DRUM
Operating Weight	14000kg	15100kg
Axle Load, Drum	7000kg	8100kg
Axle Load, Wheel	7000kg	7000kg
Static Linear Load (at Drum)	330N/cm	380N/cm

DIMENSIONS	SMOOTH DRUM	PADFOOT DRUM
A	2310mm	2310mm
B	2130mm	2130mm
C	2300mm	2300mm
D	430mm	430mm
E	3140mm	3140mm
F	5960mm	5960mm
G	3190mm	3190mm
H	1500mm	1700mm



* 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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