SHANTUI

Member of SDHi Group

SR26M-C6

Road Roller



Engine model	Weichai WP6G190E331
Total power	140kW/1800rpm
Operating weight	26,000kg

VALUE THAT WORKS

EVCORE®

SR26M-C6 TECHNICAL PARAMETERS

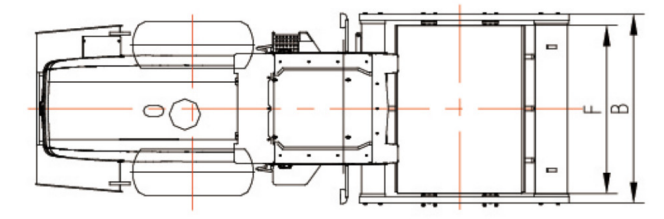
ENGINE	
Model	Weichai WP6G190E331
No. of cylinders	6
Type	In-line, 4-stroke, air-air intercooled
Exhaust mode	Turbocharging
Cylinder diameter X stroke	105*130mm
Displacement	6.75L
Total power	140kW/1800rpm
Max. torque	860N.m/1400-1600r/min
Rated fuel consumption	215g/kW.h
Emission	Stage III
TRANSMISSION SYSTEM	
Type	Mechanical transmission, rear wheel drive
Main clutch	Dry friction plate
Transmission	Electronic gearshift
Drive axle	Dry mechanical drive axle
Tire	23.5-25-16PR
Max. gradeability	35%
Forward speed, I, II, III	2.8km/h,5.5km/h, 9.0km/h
Reverse speed, I, II	2.8km/h,5.5km/h, 9.0km/h
STEERING SYSTEM	
Type	Hydraulic drive, articulated steering
Hydraulic relief pressure	14MPa
Steering angle	±33°
Swing angle of articulation	±10°
Min. turning radius	6400mm
BRAKE	
Service brake	Air-over-oil caliper disc type, foot brake
Parking brake	Drum brake, hand operated
Emergency brake	N/A

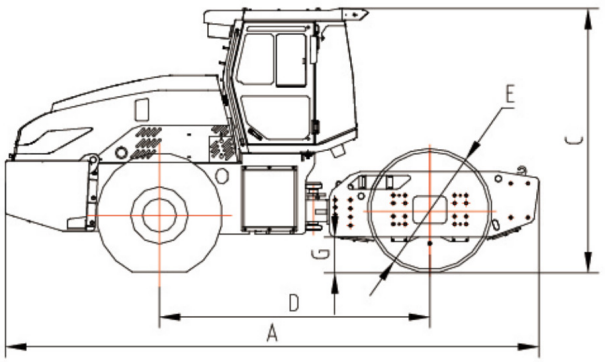
VIBRATORY DRUM	SMOOTH WHEEL	PADFOOT
Width	2170mm	2170mm
Diameter	1600mm	1802mm
Drum thickness	40mm	40mm
Padfoot No.	-	150
Padfoot height	-	95mm

VIBRATION SYSTEM	SMOOTH WHEEL	PADFOOT
Type	Hydrostatic electronic control	Hydrostatic electronic control
Vibration pump	Variable plunger pump	Variable plunger pump
Vibration motor	Constant plunger motor	Constant plunger motor
Hydraulic relief pressure	20MPa	20MPa
Low frequency	29Hz	29Hz
High frequency	35Hz	35Hz
Large amplitude	2.0mm	1.7mm
Small amplitude	1.0mm	0.83mm
Max. excitation force	435kN	435kN
Min. excitation force	315kN	315kN
OIL CAPACITY		
Fuel tank	330L	330L
Hydraulic oil tank	80L	80L
Coolant	20L	20L
Engine oil pan	18L	18L
ELECTRICAL SYSTEM		
Battery	2x12V,95Ah	2x12V,95Ah
Generator	28V, 80A	28V, 80A
Starter motor	24V, 6kW	24V, 6kW

WEIGHT	SMOOTH WHEEL	PADFOOT
Operating weight	26000kg	27233kg
Mass allocated to vibrating drum	13000kg	14233kg
Mass allocated to driving drum	13000kg	13000kg
Static linear load	599N/cm	656N/cm

DIMENSION PARAMETERS	SMOOTH WHEEL	PADFOOT
A (Overall length)	6848mm	6848mm
B (Overall width)	2472mm	2472mm
C (Overall height)	3370mm	3370mm
D (Wheelbase)	3470mm	3470mm
E (Drum diameter)	1600mm	1802mm
F (Compaction width)	2170mm	2170mm
G (Ground clearance)	449mm	449mm





* 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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