



Higher compaction efficiency

- ◆ The exciting force is 10% higher than similar models in the industry, Operational efficiency increased by 16.7%

Longer service life of the whole machine

- ◆ Original rat bag type lubricating device fully lubricates bearings, bearings Service life of more than 5000h
- ◆ Double filtration of air intake at the high position of the engine, and three-stage filtration of the oil circuit

Safer humanised design

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- ◆ Double filtration of air intake at the high position of the engine, and three-stage filtration of the oil circuit

Safer humanised design

- ◆ The cab is installed on the shock absorbing bracket
- ◆ Cab temperature can be controlled
- ◆ Operator control has been reduced

HIGH EFFICIENCY

- ◆ 10% greater exciting force than other products in the same category resulting in 16.7% greater production.

EXTENDED LIFE TIME

- ◆ The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- ◆ Double filtration of engine high intake air, the hydraulic system contains three stage filtration

OPERATOR COMFORT

- ◆ Cab mounted on vibration damping mounts
- ◆ Cab temperature control
- ◆ Operator control forces have been reduced

SAFETY FEATURES

- ◆ Rounded bumpers front and rear
- ◆ Large rear glass and sloped hood for greater visibility

TECHNICAL PARAMETERS

SSR180C-8

SSR180C-8 Single Drum Roller Technical Parameters

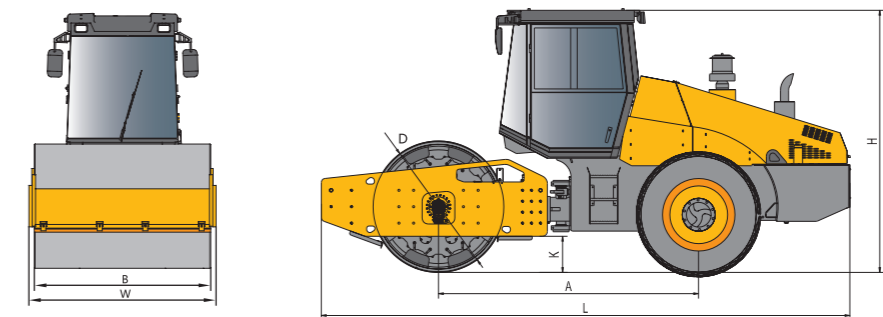
Model		SSR180C-8
Weight and Load	Operating Weight(kg)	18000
	Weight at Drum(kg)	12400
	Weight at Rear axle(kg)	5600
	Drum Static Linear Load(N/cm)	582
Compaction	Vibration Frequency (Hz)	29/35
	Nominal Amplitude(mm)	2.0/1.0
	Centrifugal force(kN)	380/275
	Drum Diameter(mm)	1600
	Drum Width(mm)	2130
	Drum Edge Thickness(mm)	40
Maneuver Ability	Travel Speed(km/h)	0~4
		0~5.5
		0~6
		0~8
	Gradeability	45%
	Ground Clearance(mm)	410
	Wheelbase(mm)	3182
	Steering Angle(°)	±35
	Swing Angle(°)	±12
	Min. Turning Outside Diameter(mm)	12350
Tires	23.1-26-12PR	
Engine	Brand	DONGFENG CUMMINS
	Model	QSB5.9-C180-33
	Emission	/
	Rated Power(kW)	133
Capacity	Battery(V×Ah)	24×120
	Fuel Tank(L)	300
	Hydraulic Oil Tank(L)	150

Single Drum Roller SSR180C-8 Standard and Optional Configurations

Config	Systems	物料名称 Description	数量 / 台 Quantity	详细说明 Details	备注 Remarks
Standard Configuration	Main Machine	SSR180C-8	1	1.Engine 2.Travel Pump 3.Vibration Pump 4.Travel Motor 5.Vibration Motor 6.Reduction Gears 7.Operating Platform 8.Vibratory Drum (Smooth) 9.Electrical System	10.Operating System 11.Front Frame 12.Rear Frame 13.Covering Part 14.Rear Axle Assembly 15.Center Articulated Frame 16.Cab+A/C
		SSR180C-8 Single Drum Roller, Standard			
Optional Configuration	Shed	Shed	1	Low Cost	Optional
	Vibratory Drum with Welded pad foot	Drum with Welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base	Substitute smooth drums permissible
	Vibratory Drum with Assembled pad foot	Drum with Assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base	Optional

Dimensions of SSR180C-8 Single Drum Roller

Size Code	SSR180C-8
A(mm)	3182
W(mm)	2318
L(mm)	6497
D(mm)	1600
H(mm)	3300
B(mm)	2130
K(mm)	410



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