



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

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

HIGH EFFICIENCY

- ◆ 10% greater excitation 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

SSR150C-8 Single Drum Roller Technical Parameters

型号 Model		SSR150C-8
Weight and Load	Operating Weight(kg)	16000
	Weight at Drum(kg)	9600
	Weight at Rear axle(kg)	5400
	Drum Static Linear Load(N/cm)	442
Compaction	Vibration Frequency (Hz)	32/36
	Nominal Amplitude(mm)	1.8/0.9
	Excitation Force(kN)	300/210
	Drum Diameter(mm)	1500
	Drum Width(mm)	2130
	Drum Edge Thickness(mm)	25
Maneuver Ability	Travel Speed(km/h)	0~5.5 0~12
	Gradeability	45%
	Ground Clearance(mm)	410
	Wheelbase(mm)	3143
	Steering Angle(°)	±35
	Swing Angle(°)	±12
	Min. Turning Outside Diameter(mm)	12010
	Tires	23.1-26-12PR
Engine	Brand	DONGFENG CUMMINS
	Model	QSB4.5-C160-30
	Emission	3
	Rated Power(kW)	119
Capacity	Battery(V×Ah)	24×120
	Fuel Tank(L)	200
	Hydraulic Oil Tank(L)	120

Single Drum Roller SSR150C-8 Standard and Optional Configurations

Config	Systems	Description	Quantity	Details	Remarks
标准配置 Standard Configuration	Main Machine	SSR150C-8 Single Drum Roller, Standard	1	1.Engine 2.Travel Pump 3.Vibration Pump 4.Travel Motor 5.Vibration Motor 6.Operating Platform 7.Vibratory Drum (Smooth) 8.Electrical System	9.Operating System 10.Front Frame 11.Rear Frame 12.Covering Part 13.Rear Axle Assembly 14.Center Articulated Frame 15.Cab+A/C
Optional Configuration	Shed	Shed	1	Low Cost	
	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
	Assembled pad foot	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 SSR150C-8 Single Drum Roller

Size Code	SSR150C-8
A(mm)	3143
W(mm)	2286
L(mm)	6173
D(mm)	1500
H(mm)	3227
B(mm)	2130
K(mm)	410

