

## SSR150C-8 SINGLE DRUM ROLLER PADFOOT



### 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

- ◆ 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 Padfoot Roller Technical Parameters

Model		SSR150C-8
Weight and Load	Operating Weight(kg)	15000
	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
Maneuver Ability	Drum Edge Thickness(mm)	25
	Travel Speed(km/h)	0-5.5
		0-12
	Gradeability	45%
	Ground Clearance(mm)	410
	Wheelbase(mm)	3143
	Steering Angle(°)	±35
Swing Angle(°)	±12	
Engine	Min. Turning Outside Diameter(mm)	12010
	Tires	23.1-26-12PR
	Brand	DONGFENG CUMMINS
	Model	QSB4.5-C160-30
Capacity	Emission	3
	Rated Power(kW)	119
	Battery(V×Ah)	24×120
Capacity	Fuel Tank(L)	200
	Hydraulic Oil Tank(L)	120

## Single Drum Roller SSR150C-8 Standard and Optional Configurations

Config	Systems	Description	Quantity	Details	Remarks
Standard Configuration	Main Machine	SSR150C-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
		SSR150C-8 Single Drum Patfoot Roller, Standard			
Optional Configuration	Shed	Shed	1	Low Cost Optional	
	Vibratory Smooth Drum	Smooth Drum	1	Vibratory smooth drum suitable for compaction of clay, semi - clay, rocks, gravels, expansive soil, and coal cinder base Substitute smooth drums permissible	
	Vibratory Smooth Drum	Drum with Assembled pad foot	1	Vibratory 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

