

SSR150C-8 SINGLE DRUM ROLLER

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.

HIGH EFFICIENCY

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

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

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
	Centrifugal force(kN)	300/210
	Drum Diameter(mm)	1500
	Drum Width(mm)	2130
Maneuver Ability	Travel Speed(km/h)	0~4
		0~5
		0~5.8
		0~8.2
	Gradeability	45%
	Ground Clearance(mm)	410
	Wheelbase(mm)	3143
	Steering Angle(°)	±35
	Swing Angle(°)	±12
	Min. Turning Outside Diameter(mm)	12010
Engine	Tires	23.1-26-12PR
	Brand	CUMMINS
	Model	QSB4.5-C160-30
	Emission	/
Capacity	Rated Power(kW)	119
	Battery(V×Ah)	24×120
	Fuel Tank(L)	200
	Hydraulic Oil Tank(L)	120

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Single Drum Roller SSR150C-8 Standard and Optional Configurations

Config	Systems	Description	Quantity	Details	Remarks
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.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
				Shed	Shed
Optional Configuration	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

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Dimensions of SSR150C-8 Single Drum Roller

Size Code	SSR150C-8
A(mm)	3143
W(mm)	2318
L(mm)	6173
D(mm)	1500
H(mm)	3227
B(mm)	2130
K(mm)	410

