

SSR120C-10 SINGLE DRUM ROLLER PADFOOT

HIGH EFFICIENCY

 10% great 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.



SAFETY FEATURES

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

OPERATOR COMFORT

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

Higher compaction efficiency

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

Higher compaction efficiency

- The original pouch lubricating device fully lubricates the bearings, bearings. Service life of more than 5000h
- The high-position air intake of the engine is double filtered, and the oil circuit is filtered in three stages

Safer humanized design

- ♦ Front and rear bumpers ensure operator safety
- Large rear window and sloping hood provide greater performance visibility

Comfortable Operating Environment

- The cab is mounted on a shock mount
- ♦ Cab temperature can be controlled
- Operator controls have been reduced



TECHNICAL PARAMETERS

SSR120C-10

Single Drum Padfoot Roller Technical Paramaters

	Model	SSR120C-10		
Weight and Load	Operating Weight(kg)	12956		
	Weight at Drum(kg)	7000		
Weigh Lo	Weight at Rear axle(kg)	5000		
	Drum Static Linear Load(N/cm)	329		
	Vibration Frequency (Hz)	32/36		
c	Nominal Amplitude(mm)	1.8/0.9		
Compaction	Centrifugal force(kN)	280/178		
Comp	Drum Diameter(mm)	1500		
0	Drum Width(mm)	2130		
	Drum Edge Thickness(mm)	25		
	Travel Speed(km/h)	0~6.0		
		0~7.5		
		0~8.5		
		0~12.5		
bility	Gradeability	50% / 53%		
Maneuver Ability	Ground Clearance(mm)	480		
aneu	Wheelbase(mm)	2868		
Σ	Steering Angle(°)	±35		
	Swing Angle(°)	±12		
	Min. Turning Outside Diameter(mm)	11600		
	Tires	23.1-26-12PR		
	Brand	DONGFENG CUMMINS		
Engine	Model	QSB3.9-C125-30		
Eng	Emission	NR3		
	Rated Power(kW)	93		
Þ	Battery(V×Ah)	24×120		
Capacity	Fuel Tank(L)	250		
	Hydraulic Oil Tank(L)	100		

SSR120C-10

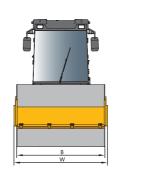
Single Drum Roller SSR120C-10 Standard and Optional Configurations

Config	Systems	Description	Quantity	Details		Remarks
Standard Configuratoin	Main Machine	SSR120C-10 SSR120C-10 Single Drum Patfoot 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	1	Low Cost		Optional
Optional Configuratoin	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

SSR120C-10

Dimensions of Single Patfoot Roller

Size Code	SSR120C-10
A(mm)	2868
W(mm)	2285
L(mm)	5775
D(mm)	1500
H(mm)	3325
B(mm)	2130
K(mm)	480



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