



STR100C-8C TANDEM DRUM ROLLER



STR100C-8C
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Official Website:
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Technical specifications

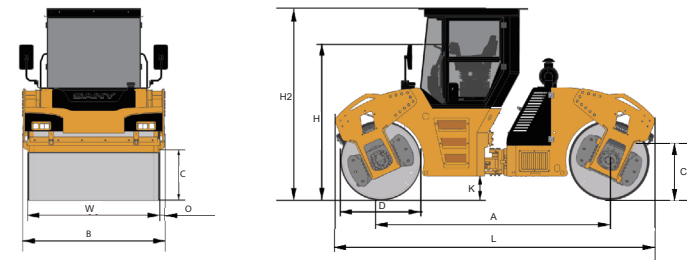
Model		STR100C-8C
Load	Operating mass (kg)	10500
	Mass allocated to front wheel (kg)	5250
	Mass allocated to rear wheel (kg)	5250
	Static linear load of front wheel (N/cm)	271
	Static linear load of rear wheel (N/cm)	271
Compaction	Vibration frequency (Hz)	50/61
	Nominal amplitude (mm)	0.75/0.3
	Centrifugal force (kN)	140/94
	Diameter of vibrating drum (mm)	1240
	Width of vibrating drum (mm)	1900
Maneuverability	Drum edge thickness (mm)	17
	Travel speed (km/h)	0~12
	Work speed (km/h)	0~6.5
	Theoretical gradeability (vibrate)	30%
	Theoretical gradeability (NOT vibrate)	35%
	Min. clearance to ground (mm)	360
	Wheelbase (mm)	3689
	Steering angle (°)	± 33
	Swing angle (°)	± 8
	Min. turning outside diameter (mm)	13530
Engine	Crab walk distance (mm)	170
	Brand	DONGFENG CUMMINS
	Model	QSB4.5-C160-30
	Cooling system	Water cooling
	Emission	Euro III
	Rate speed (rpm)	2200
Capacities	Rated net power (kW)	119
	Battery (V × Ah)	24 × 120
	Water tank (L)	800
	Fuel tank (L)	230
	Hydraulic oil tank (L)	100

Standard & optional configurations

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	STR100C-8C Tandem 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.Electrical system	9.Vibratory drum (smooth) 10.Front frame 11.Rear frame 12.Water-spraying system 13.Covering parts 14.Seat	
	Cab	Cab assembly	1	Work in windy, sandy, and extreme temperature conditions		
Optional confi.	Shed (without HVAC)	Shed (without HVAC)	1	Low cost		Substitute operating platform allowed

Dimensions

Size code	STR100C-8C
A (mm)	3689
B (mm)	2100
C (mm)	825
D (mm)	1240
H (mm)	2507
H2 (mm)	3215
K (mm)	360
L (mm)	5165
O (mm)	100
W (mm)	1900



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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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