

SANY

Forging the Future Together

STR50C-8K

SANY Tandem Drum Roller



8564 mm

Min. turning outside diameter



40 %

Theoretical gradeability



32.4 kW

Rated net power



Stage V

Emission standard

Operating ambient temperature: -10 °C -45 °C; Altitude ≤2000 meters.



Read E-brochure

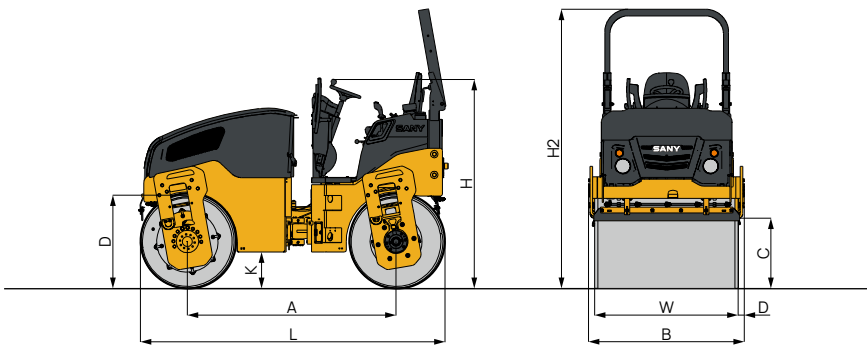
Technical Specifications

	Model	Unit	Parameter
Load	Operating mass	kg	4500
	Mass allocated to front wheel	kg	2250
	Mass allocated to rear wheel	kg	2250
	Static linear load of front wheel	N/cm	160
	Static linear load of rear wheel	N/cm	160
Compaction	Vibration frequency	Hz	50/56
	Nominal amplitude	mm	0.5
	Centrifugal force	kN	47/59
	Diameter of vibrating drum	mm	900
	Width of vibrating drum	mm	1380
	Drum edge thickness	mm	18
Maneuverability	Travel speed	km/h	0~11
	Work speed	km/h	0~6
	Theoretical gradeability (vibrate)	-	30%
	Theoretical gradeability (NOT vibrate)	-	40%
	Min. clearance to ground	mm	350
	Wheelbase	mm	2000
	Steering angle	°	±32
	Swing angle	°	±10
	Min. turning outside diameter	mm	8564
Engine	Crab walk distance	mm	50
	Brand	-	KUBOTA
	Model	-	V2607
	Cooling system	-	Water cooling
	Emission	-	Stage V
	Rate speed	rpm	2000
Capacities	Rated net power	kW	32.4
	Battery	V×Ah	12×120
	Water tank	L	310
	Fuel tank	L	68
	Hydraulic oil tank	L	40

Standard Configurations

Config.	Systems	Description	Qty	Details	Remarks
Standard confi.	Main machine	STR50C-8K Tandem Drum Roller, Standard	1	1. Engine 2. Travel pump 3. Vibration pump 4. Travel motor 5. Vibration motor 6. Operating platform 7. Electrical system 8. Vibratory drum (smooth) 9. Front frame 10. Rear frame 11. Water-spraying system 12. Covering parts 13. Seat	-
	Shed (without HVAC)	Shed (without HVAC)	1	Low cost	

Dimensions



Size Code	A	B	C	D	H
Unit	mm	mm	mm	mm	mm
Parameter	2000	1484	690	900	1957

Size Code	H2	K	L	O	W
Unit	mm	mm	mm	mm	mm
Parameter	2700	350	2900	60	1380

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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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