



# STR30C-8 TANDEM DRUM ROLLER



## Reliable and efficient power

- ◆ Sufficient power to operate on slopes
- ◆ Three stage fuel filter system
- ◆ Engine cover opens wide to provide easy access for maintenance

## Advanced hydraulic system

- ◆ The closed loop hydraulic system has three filters for greater reliability.

## Drum vibration technology

- ◆ The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- ◆ Drum evenness and smoothness meets stringent highway surface work requirements.
- ◆ Road surface clearance height at the edge can be up to 825mm.

## Reliable oil-spraying system

- ◆ 800L plastic lined water tanks provide water for up to 5.7 continuous hours of work
- ◆ Optimized spray amount prevents asphalt from sticking to drums and limits asphalt cooling.
- ◆ A back-up spray pump for greater reliability

## Efficient control system

- ◆ The operating controls can swing up to 90° right or left to allow the operator a clear view when working at the road edges.
- ◆ The speed and direction control joystick are integrated for greater control

## Operator comfort & safety features

- ◆ Cab mounted on three stage vibration damping mounts
- ◆ Cab climate control
- ◆ Specially designed parking brake system

## Technical specifications

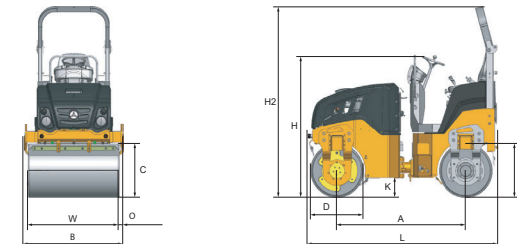
Model	STR30C-8	
<b>Weight and load</b>	Operating weight (kg)	3000
	Weight at drum (kg)	1450
	Weight at rear axle	1550
	Front drum static liner load (N/cm)	118
	Rear drum static liner load (N/cm)	126
<b>Compaction</b>	Vibration frequency (Hz)	55/67
	Nominal amplitude (mm)	0.5
	Centrifugal force (kN)	46/28
	Drum diameter (mm)	700
	Drum width (mm)	1200
<b>Maneuver ability</b>	Drum edge thickness (mm)	14
	Travel speed (km/h)	0~11
	Working speed (km/h)	0~6
	Theoretical gradeability vibratory	30%
	Theoretical gradeability non-Vibratory	40%
	Ground clearance (mm)	240
	Wheelbase (mm)	1700
	Steering angle (°)	±30
	Swing angle (°)	±6
	Min. turning outside diameter (mm)	7050
<b>Engine</b>	Crab distance (mm)	/
	Brand	YANMAR
	Model	3TNV88-BDTYC
	Cooling system	Water cooling
	Emission	GB 20891-2014 STAGE III
	Rate speed (rpm)	3000(gross)
<b>Capacity</b>	Rated net power (kW)	28.1
	Battery (V × Ah)	12 × 40
	Water tank (L)	160
	Fuel tank (L)	40
	Hydraulic oil tank (L)	28

## Standard configurations

Config.	Systems	Description	Qty	Details	Remarks
<b>Standard confi.</b>	Main machine	STR30C-8 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	
	Shed (without HVAC)	Shed (without HVAC)	1	Low cost	

## Dimensions

Size code	STR30C-8
A (mm)	1700
B (mm)	1280
C (mm)	550
D (mm)	700
H (mm)	1775
H2 (mm)	2560
K (mm)	240
L (mm)	2550
O (mm)	40
W (mm)	1200



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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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