



A compact single-drum vibratory roller combining dual-amplitude compaction, strong gradeability, four travel-speed ranges and a Stage V Yanmar powertrain.

7,330 kg
Operating mass

53.7 kW
Rated power

23.3 kg/cm
Static linear load

60%
Gradeability

TECHNICAL DATA

MASSES

Operating mass	kg	7,330
Load on vibrating drum	kg	3,750
Load on driving axle	kg	3,580
Static linear load	N/cm	23.3

COMPACTION

Vibration frequency	Hz	29.5 / 33.5
Nominal amplitude	mm	1.9 / 1.2
Centrifugal force	kN	132 / 110
Drum diameter	mm	1,215
Drum width	mm	1,676
Drum rim thickness	mm	20

TRAVEL AND PERFORMANCE

Travel speed - range 1	km/h	0-4.5
Travel speed - range 2	km/h	0-6.5
Travel speed - range 3	km/h	0-8.5
Travel speed - range 4	km/h	0-11.5
Theoretical gradeability	%	60
Ground clearance	mm	376
Wheelbase	mm	2,675

ENGINE

Manufacturer / model	-	Yanmar 4TNV98CT-VSY
Rated power	kW	53.7
Emission standard	-	Stage V

MANEUVERABILITY

Steering angle	deg	+/-37
Swing angle	deg	+/-12
Minimum turning outer diameter	mm	9,750
Tyre specification	-	14.9R24

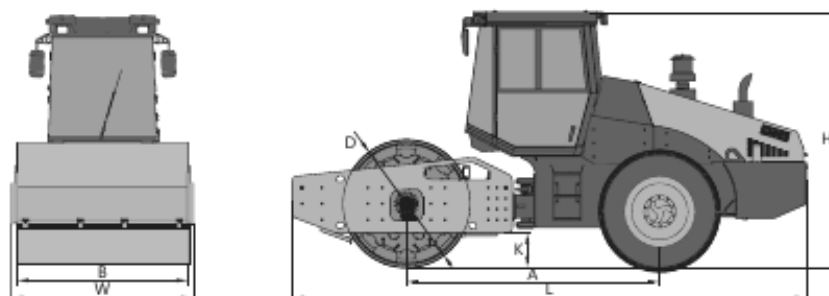
ELECTRICAL SYSTEM

Battery	V x Ah	12 x 120
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CAPACITIES

Fuel tank	L	130
Hydraulic oil tank	L	65

DIMENSIONS



Overall length (L)	5,160 mm
Overall width (W)	1,830 mm
Overall height (H)	3,050 mm
Wheelbase (A)	2,675 mm
Drum diameter (D)	1,215 mm
Drum width (B)	1,676 mm
Ground clearance (K)	376 mm

MACHINE SYSTEMS AND APPLICATIONS

Main machine	Standard SSR80(EU) single-drum roller with engine, hydrostatic travel and vibration systems, vibratory drum, rear axle, articulated frame, operating platform and cab with air conditioning.
Smooth drum	The standard smooth vibratory drum is suited to general compaction applications.
Welded padfoot drum	Optional non-removable welded padfoot drum for clay, semi-clay, rock, gravel, expansive soil and coal-cinder base materials.
Assembled padfoot drum	Optional removable padfoot arrangement converts back to a smooth drum and suits cohesive and mixed base materials.
Four speed ranges	Four hydrostatic travel ranges support controlled working speed and efficient site travel up to 11.5 km/h.

CONFIGURATION AND SERVICEABILITY

STANDARD MACHINE SYSTEMS

Yanmar 4TNV98CT-VSY Stage V engine	•
Smooth vibratory drum	•
Enclosed cab with air conditioning	•
Rear axle without differential lock	•
Reversing camera	•

OPTIONAL EQUIPMENT

Removable pad foot shell	○
Padfoot configurations for cohesive and mixed base materials	○

Specifications refer to the standard configuration. Values may vary with optional equipment. Technical parameters and configuration may change without notice. Images may show optional equipment. Confirm the final delivered specification and emissions suitability with your SANY representative.