

XD83VT



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COMBINATION VIBRATORY ROLLER

XD83VT vibratory roller is a type of combination roller with front drum and rear tires, mainly used for compacting asphalt pavement, small type base layer, sub-base layer and filling materials. It is an ideal compaction equipment for the compaction of asphalt top layer during high-speed custody.

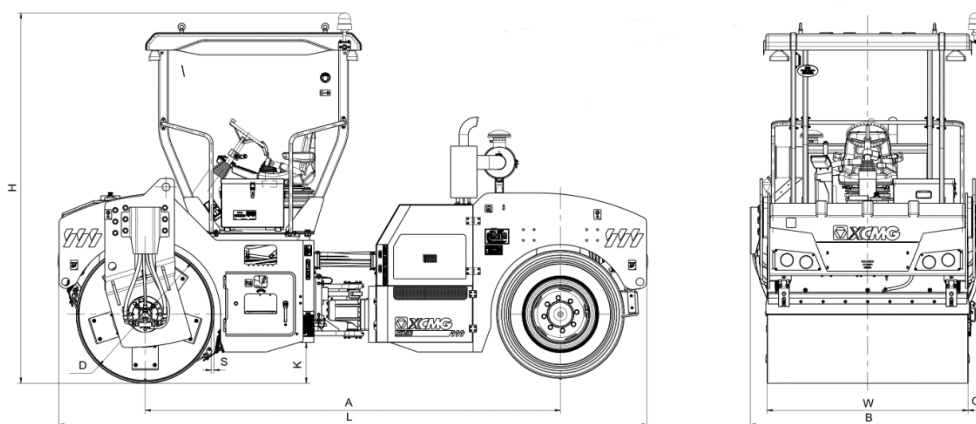
Performance and characteristics

- The operator's console can rotate $\pm 35^\circ$, improving driving comfort;
- Speed frequency management system provides the operator instruction for compaction operation;
- The vibration drum realizes the three-in-one coincidence;
- Four groups of tires have high safety level, wear-resisting performance and uniform ground pressure;
- Articulated steering with crab-walk function;
- Double-sealing technology;
- 1 m $\times$ 1 m front and rear visibility
- Air filter, machine filter, diesel filter, hydraulic oil filter are within reach for maintenance and replacement.

Dimension in working configuration

Unit: mm

Dimensions	A	B	L	H	W	K	D	S	O
XD83VT	3470	1960	4910	3087	1680	260	1150	16	140



Main specifications

Item	Description	Unit	Value
Weight Parameters	Operating Weight	kg	8300
	Front Axle Weight	kg	4270
	Rear Axle Weight	kg	4030
	Static linear load (front/rear)	N/cm	249
Maneuverability	Operating Speed	km/h	0~6.5/0~11.5
	Theoretical Gradeability	%	35
	Minimum Turning Radius (inside/outside)	mm	4100/5780
	Minimum Ground Clearance	mm	260
	Wheel Base	mm	3470
	Steering Angle	°	± 38
	Oscillation Angle	°	± 10
	Braking Distance	m	≤ 4.36
Compaction Parameters	Vibration Frequency	Hz	55/45
	Nominal Amplitude	mm	0.35/0.60
	Centrifugal Force (High/Low)	kN	60/75
	Drum Diameter	mm	1150
	Working Width	mm	1680
Engine	Model		CUMMINS QSF3.8-C115
	Rated Power	kW	86
	Rated Speed	r/min	2200

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



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