

XD83



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VIBRATORY ROLLER

XD83 vibratory roller is suitable for compaction work of asphalt pavement, compaction of small base, sub-base and filling materials, and is an ideal compaction equipment for the compaction of asphalt top layer during high-speed custody.

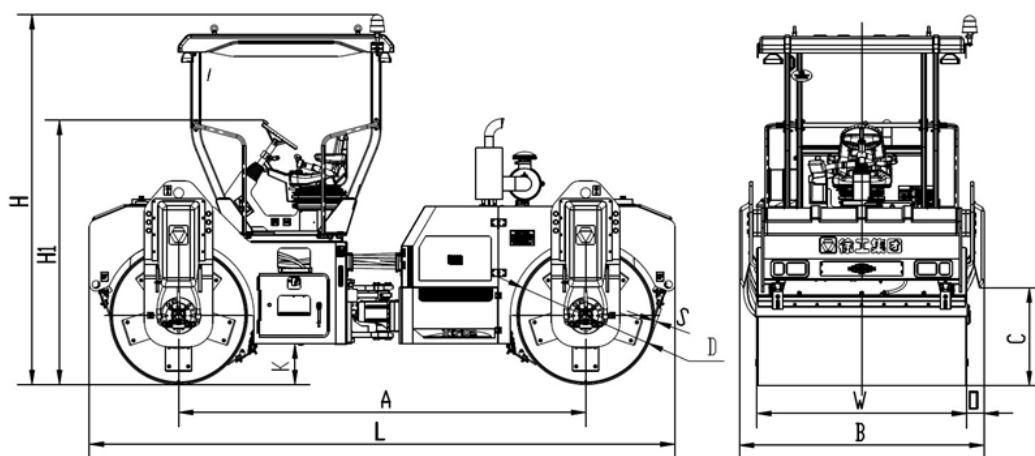
Performance and characteristics

- The console is able to rotate for 35 degrees to left or right, improving the driving comfort;
- Speed frequency management system provides the operator instruction for compaction operation;
- The vibration drum realizes four centers coincidence;
- Articulated steering with crab-walk function (optional)
- Double-sealing technology;
- Multi interval water sprinkling, two sets of water sprinkling system as redundant design;
- The visibility of front and rear direction is 1m×1m
- 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	C	L	H	H1	D	S	W	O
XD83	3470	1962	425	4910	3087	2178	1150	16	1680	140



Main specifications

Item	Description	Unit	Value
Weight Parameters	Operating Weight	kg	8500
	Front Axle Weight	kg	4250
	Rear Axle Weight	kg	4250
	Static linear load (front/rear)	N/cm	248/248
Maneuverability	Operating Speed	km/h	0~7.5/0~12
	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
	Type		Water-cooled in-line 4-cylinder diesel engine
	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.