

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.

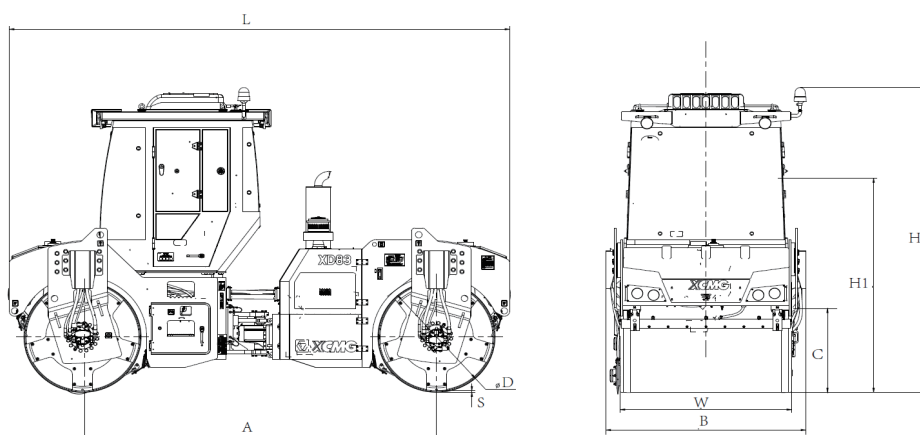
Performance and characteristics

- Advanced control system
- The console is able to rotate for 35 degrees to left or right, improving the driving comfort;
- The steering wheel is adjustable to suit every operator;
- Propel lever, display, are arranged at the right side to broaden the front visibility.
- Speed frequency management system provides the operator instruction

- for compaction operation;
- Guiding the operator to improve operation efficiency.
- Homogeneous compaction technology
- The vibration drum realizes the three-in-one coincidence;
- Avoiding over-compaction and under-compaction;
- Making the road surface more even.

Main dimensions

Dimensions	A	B	C	L	H	H1	D	S	W
XD83	3470	1962	425	4910	3087	2178	1150	16	1680



Main specifications

Item	Content	Unit	Value
Weights 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
	Wheelbase	mm	3470
	Steering angle		±38°
	Oscillation angle		±10°
	Braking distance	m	≤4.36
	Vibration frequency	Hz	55/45
	Nominal amplitude	mm	0.35/0.60
Compaction Parameters	Excitation force (high/low frequency)	kN	60/75
	Drum diameter	mm	1150
	Drum width	mm	1680
	Model		4BTA3.9-C110-II
	Rated power	kW	82
Engine	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.