

XMR110



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VIBRATORY ROLLER

XMR110 double vibration drum vibratory roller is specially designed for operation in narrow space. It features articulation structure, small amplitude, ultra-high frequency vibration and large exciting force. Double drum hydraulic drive system realizes the drive speed ranging from 0km/h to 8km/h. The vibration system of XMR110 adopts electromagnetic clutch to control the start and stop of vibration .

Powered by Changfa air-cooled single cylinder diesel engine, with two starting ways: electric and manual. Suitable to environment temperature of above -10 °C, altitude below 2000 meter.

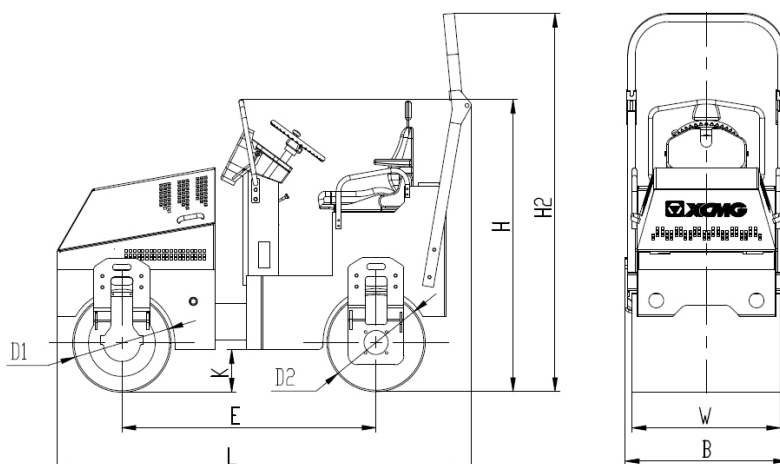
Main Performance Features

- Infinite speed controls with both drums powered for high traction and gradeability.
- Compact design with small turning radius for high maneuverability.
- High performance power train consisting international well-proven components.
- The power sprinkling system can be switched ON and OFF by one switch, and ensures homogeneous drum watering.
- The large opening angle of the engine hood and the easy to reach service points reduce maintenance affords significantly.
- Imported Japan NSK vibration bearing, high reliability.

Industrial design and dimensions

Unit: mm

Dimensions	B	D1	D2	E	H	H2	K	L	☆
XMR110	860	530	530	1340	1625	2070	220	2100	700



Main specifications

Item	Content	Unit	XMR110
Weights	Operating Weight	kg	1075
	Front Axle Weight	kg	455
	Rear Axle Weight	kg	620
	Static linear load (front drum/rear drum)	N/cm	57/77
Maneuverability	Operating Speed	km/h	0 - 8
	Theoretical Gradeability	%	30
	Minimum Ground Clearance	mm	220
	Wheel Base	mm	1335
Compaction Performance	Vibration Frequency	Hz	70
	Nominal Amplitude	mm	0.5
	Centrifugal Force	kN	30
	Drum diameter	mm	530
	Working Width	mm	700
Engine	Model		Changfa CF186FAE
	Type		Air cooled single cylinder diesel engine
	Rated Power	kW	6.6
	Rated Speed	r/min	3600
Miscellaneous	Drive Method		Static hydraulic-closed type
	Vibration Method		Electromagnetic clutch
	Service Brake		Hydraulic
	Parking Brake		Mechanical
	Steering Method		Articulated
	Steering Control		Hydraulic

Notes:

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