

XS115H



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VIBRATORY ROLLER

XS115H is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller special designed for Indian market. This product fulfills the requirements of the ARAI stage BS V emission standards. Featuring high excitation force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams, industrial construction sites. Applicable altitude 2000m, Applicable environment temperature $+2^{\circ}\text{C} \sim +50^{\circ}\text{C}$.

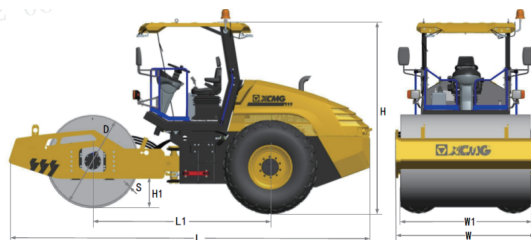
Performance and characteristics

- LED lighting headlights are installed at the front and rear to ensure optimal illumination during nighttime construction operations. The rear taillights enhances the visibility when reversing, ensuring comprehensive lighting coverage without any blind spots.
- Dual frequency and dual amplitude meets the requirements of different working conditions; open loop hydraulic vibration system consists of gear pump and motor; electronic control mode is adopted. Guarantee the demand of vibration parameter and reliability of vibration system.
- Optimized vibration drum structure and vibration parameters to guarantee smoother pavement surface and higher compaction efficiency.
- Full-hydraulic articulated steering system improves the steering operation convenience and flexibility. The cross-shaped articulation mode guarantees enough steering angle and swinging angle.

Dimension in working configuration

Unit: mm

Dimensions	L	L1	W	W1	H	H1	S	D
XS115H	6010	3000	2300	2130	3200	420	25	1513



Main specifications

Item		Unit	Parameter
Weights Parameters	Operating weight	kg	11200
	Front axle weight	kg	5800
	Rear axle weight	kg	5400
	Static linear load	N/cm	272
Propelling Performance	Operating speed	km/h	0-7; 0-12.5
	Theoretical gradeability	%	31
	Minimum turning radius(intern)	mm	6050
	Minimum ground clearance	mm	420
	Wheel base	mm	3000
	Steering angle	°	35
	Oscillation angle	°	10
	Braking distance	m	<4
Compaction Performance	Vibration frequency	Hz	30/35
	Nominal amplitude	mm	2.1/1.1
	Excitation force (High/low frequency)	kN	285/160
	Drum diameter	mm	1513
	Drum width	mm	2130
Hydraulic System	Charge pressure, drive system	MPa	2.5
	Peak pressure, drive system	MPa	40
	Peak pressure, vibration system	MPa	35
	Peak pressure, steering system	MPa	16
Engine	Model	-	4R1190TA1 BSV
	Type	-	Turbocharger water-cooled electrical control
	Rated power	kW	81.6
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL
	Ply rating	-	12
	Air pressure	kPa	200

Notes:

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