

XS205



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Single Drum Vibratory Roller

XS205 vibratory roller is a kind of heavy type self-propelled vibratory roller, mainly applicable for compaction work of base layer, sub-base layer of different materials and filling projects. It is an ideal choice for compacting high grade highway, airports, ports, dams and industrial construction sites.

Performance and characteristics

- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.
- Centered static and dynamic forces for state-of-the-art compaction homogeneity — less than 5%.
- Exclusive drum surface hardening technology, drum stiffness improved by 100%.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS205	6990	3430	2350	2130	3200	490	40	1600



Main specifications

Item	Content	Unit	XS205
Weights	Operating weight	kg	20000
	Maximum operating weight	kg	20000
	Front axle weight	kg	13500
	Rear axle weight	kg	6500
	Static linear load	N/cm	634
Maneuverability	Working speed(F/R)	km/h	0~4.0;0~5.9;0~5.9;0~10.6
	Gradeability	%	50
	Minimum turning radius(outer)	mm	6900
	Minimum ground clearance	mm	490
	Wheel base	mm	3430
	Steering angle	°	±33
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	28/33
	Nominal amplitude	mm	1.90/0.95
	Excitation force (high/low frequency)	kN	385/270
	Drum diameter	mm	1600
	Drum width	mm	2130
Engine	Model	-	SC7H190G3
	Emission	-	Tier III
	Rated power	kW	140
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12PR
	Ply rating	-	12
	Air pressure	kPa	150-170
Capacities	Fuel tank	L	300
	Urea tank	L	NA

Notes:

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

