

XS103H



XS103H

Single Drum Vibratory Roller

XS103H is applicable to compact pebbles, sandy soils, moraine soil, blasting rock and clayey soil, etc. It is also used to compact concrete and stabilized soil base materials in large projects.

Performance and characteristics

- Active Noise Control(ANC), exhaust noise to the driver's ear is lower than 75dB(A).
- Engine speed control, intelligent temperature control and automatic idling contributes to the lowest fuel consumption in industry.
- Perfect combination of high climbing ability and

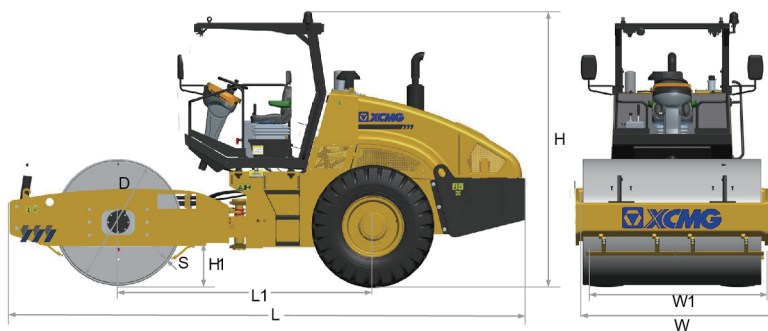
anti-skid technology, leading industry in adaptability to extreme working conditions.

- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS103H	6150	3040	2300	2130	3200	431	20	1513



Main specifications

Item	Content	Unit	XS103H
Weights	Operating weight	kg	10600
	Maximum operating weight	kg	10900
	Front axle weight	kg	4700
	Rear axle weight	kg	5900
	Static linear load	N/cm	216
Maneuverability	Working speed(F/R)	km/h	7.3
	Gradeability	%	40
	Minimum turning radius(outer)	mm	6400
	Minimum ground clearance	mm	431
	Wheel base	mm	3040
	Steering angle	°	33
	Oscillation angle	°	10
Compaction	Vibration frequency	Hz	30/35
	Nominal amplitude	mm	1.9/0.95
	Excitation force	kN	220/150
	Drum diameter	mm	1513
	Drum width	mm	2130
Engine	Model	-	SC4H135G2
	Emission	-	China stage II
	Rated power	kW	100
	Rated speed	r/min	2200
Tire	Spec.	-	20.5-25-16PR
	Ply rating	-	16
	Air pressure	kPa	250-350
Capacities	Fuel tank	L	250
	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.



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