

XS123/XS123PD



XS123/XS123PD

Single Drum Vibratory Roller

XS123/XS123PD is a medium-sized, self-propelled, single drum, hydraulic vibratory roller special designed for overseas markets. This product fulfills the requirements of the European Tier 3 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 and industrial construction sites.



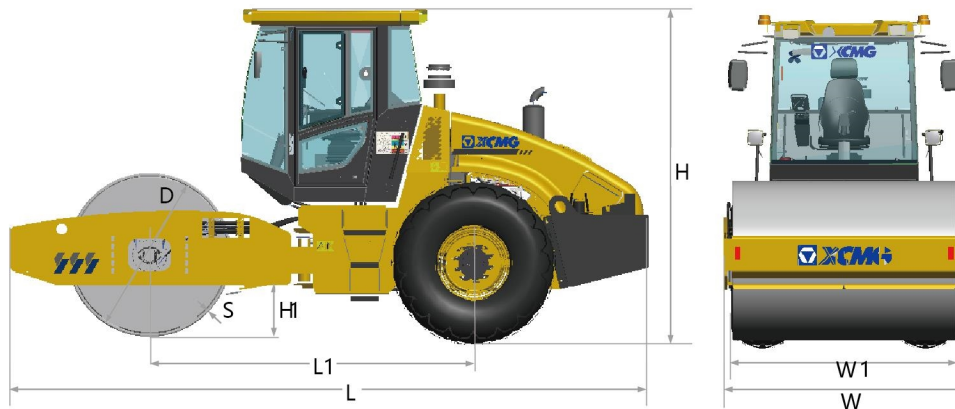
Performance and characteristics

- 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.
- Easy viewing LCD display and sound-light alarm on dashboard provides timely service information reminder;
- The infinitely variable speeds function guarantees optimum work speeds under diversified working conditions.
- Spacious cabin with expanded visibility, reversing camera offers a good view around the machine.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS123	5940	3010	2300	2130	3150	401	30	1523
XS123PD	5940	3010	2300	2130	3150	443	30	1723



Main specifications

Item	Content	Unit	XS123/XS123PD
Weights	Operating weight	kg	12000/12850/13360
	Maximum operating weight	kg	
	Front axle weight	kg	6700/7550/8060
	Rear axle weight	kg	5300
	Static linear load	N/cm	308/*
Maneuverability	Working speed(F/R)	km/h	0~5.5/0~11.2
	Gradeability	%	45
	Minimum turning radius(outer)	mm	6800
	Minimum ground clearance	mm	401/443
	Wheel base	mm	3010
	Steering angle	°	±30
Compaction	Oscillation angle	°	±10
	Vibration frequency	Hz	30/35
	Nominal amplitude	mm	1.8/0.9 1.6/0.8
	Excitation force (high/low frequency)	kN	280/190
	Drum diameter	mm	1523
Engine	Drum width	mm	2130
	Model	-	QSF3.8
	Emission	-	China stage III
	Rated power	kW	104
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL/23.1-26-12R1TL
	Ply rating	-	12
	Air pressure	kPa	200/170
Capacities	Fuel tank	L	230
	Urea tank	L	/