

XS123/XS123PD



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Single Drum Vibratory Roller

XS123/XS123PD single drum roller is medium, self-propelled, full-hydraulic vibratory roller, featuring big exciting force, high compaction efficiency and good compaction quality. It is used mainly for compaction operation of base coarse, sub-base coarse, stone filling of high-speed railway, high-grade highway, airport, harbor, dams and industrial construction sites.



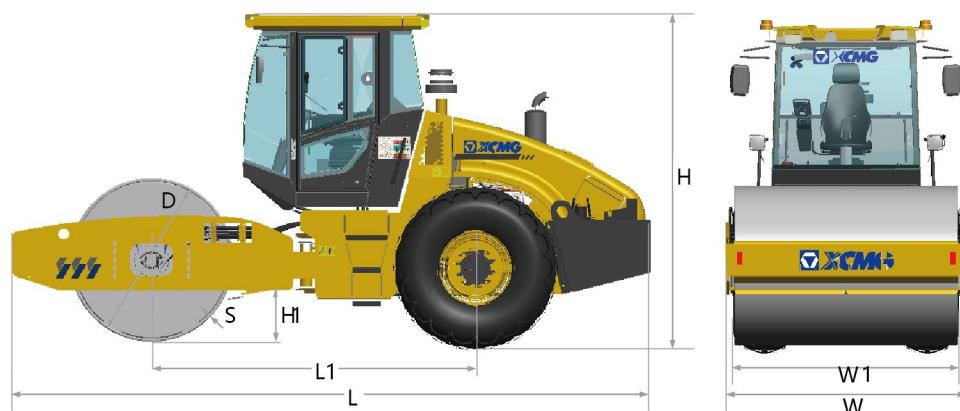
Performance and characteristics

- KFR Air conditioner improves operation comfort.
- 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%.
- The infinitely variable speeds function guarantees optimum work speeds under diversified working conditions.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS123	5940	3010	2300	2130	3150	399	30	1523
XS123PD	5940	3010	2300	2130	3150	505	30	1600



Main specifications

Item	Content	Unit	XS123/XS123PD
Weights	Operating weight	kg	12000/13000
	Maximum operating weight	kg	
	Front axle weight	kg	6700/7700
	Rear axle weight	kg	5300
	Static linear load	N/cm	308/*
Maneuverability	Working speed(F/R)	km/h	0~4.8/0~10.4
	Gradeability	%	45
	Minimum turning radius(outer)	mm	6800
	Minimum ground clearance	mm	399/417/417
	Wheel base	mm	3010
	Steering angle	°	±30
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	30/35
	Nominal amplitude	mm	1.8/0.9
	Excitation force (high/low frequency)	kN	280/190
	Drum diameter	mm	1523
	Drum width	mm	2130
Engine	Model	-	4BTA3.9-C125
	Emission	-	China stage II
	Rated power	kW	93
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL/23.1-26-12RITL
	Ply rating	-	12
	Air pressure	kPa	200/170
Capacities	Fuel tank	L	240
	Urea tank	L	/