

XS335



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Single Drum Vibratory Roller

XS335 is super-tonnage full hydraulic single drum vibratory roller positioning in large depth rock-fill compaction, extra thick layer compaction as well as conventional layer compaction. It is the ideal compaction equipment for dam rock-fill, ultra-thick hydraulic bonding layer, highway base course and subgrade compaction. This machine uses the high power engine and has been through many adaptive designs regarding the rock fill dam compaction, can satisfy the dam construction request better.



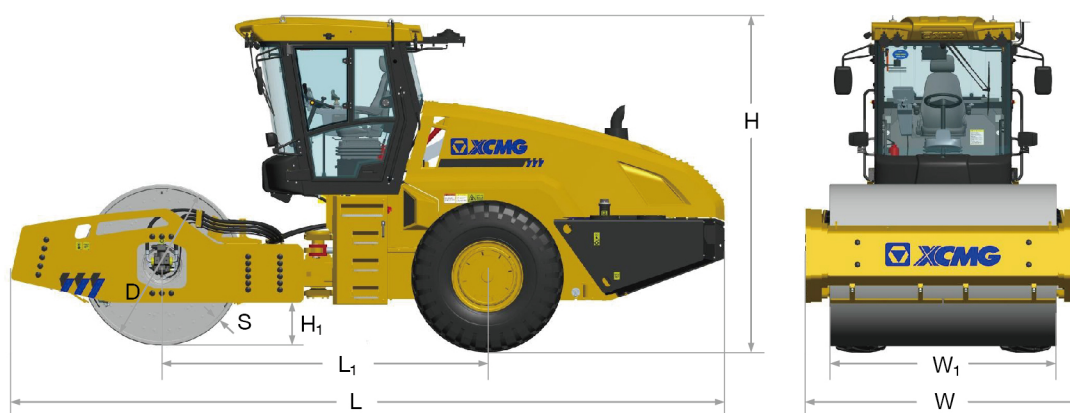
Performance and characteristics

- Large depth compaction technology, work width 2400mm, protected rear tire, higher efficiency, centered static and dynamic forces for state-of-the-art compaction homogeneity — less than 3%.
- Powered by Weichai supercharged intercooled engine with large power reserve, sufficient traction force under extreme working conditions, equipped with wear-resistance 20-ply rock tires, especially suitable for rock fill compaction.
- Excellent cooling effect under high load, double air duct ensures continuous construction at a high temperature of 45 °C.
- Long-life vibratory drum, impact-free vibration technology, efficient lubrication, high reliability.
- Exclusive drum surface hardening technology, drum stiffness improved by 100%.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS335	7592	3460	2800	2400	3478	515	46	1712
XS335PD	7592	3460	2800	2400	3478	515	46	1864



Main specifications

Item	Content	Unit	XS335/XS335PD
Weights	Operating weight	kg	33500/35750
	Maximum operating weight	kg	33500/35750
	Front axle weight	kg	22500/24750
	Rear axle weight	kg	11000/11000
	Static linear load	N/cm	938/-
Maneuverability	Working speed(F/R)	km/h	4/5/5.5/10.4; 4.2/5.1/5.8/10.8
	Gradeability	%	45
	Minimum turning radius(outer)	mm	7060
	Minimum ground clearance	mm	515
	Wheel base	mm	3460
	Steering angle	°	33
	Oscillation angle	°	12
Compaction parameters	Vibration frequency	Hz	26/31
	Nominal amplitude	mm	2.2/1.1; 1.85/0.92
	Excitation force	kN	670/480
	Drum diameter	mm	1712/1864
	Drum width	mm	2400
Engine	Model	-	WP12G375
	Emission	-	China Stage III
	Rated power	kW	276
	Rated speed	r/min	2200
Tire	Spec.	-	23.5-25-20PR
	Ply rating	-	20
	Air pressure	kPa	300-375
Capacities	Fuel tank	L	600
	Urea tank	L	NA