

XD143



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Vibratory Roller

XD143 vibratory roller is designed for the compaction of asphalt pavement, asphalt layer of different materials and different thickness, especially suitable for roads, parking lots, airports and other large engineering projects, can also be used for compaction of roadbed and sub-base material, wide application scope.



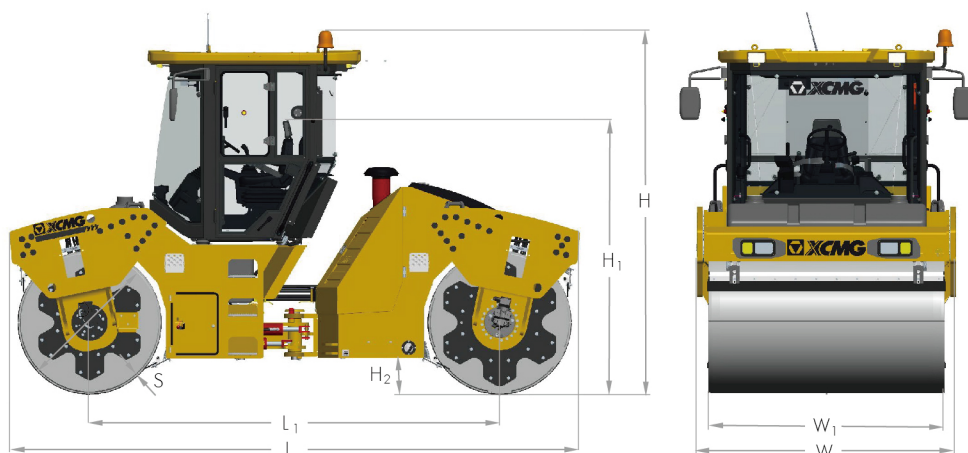
Performance and characteristics

- Rotary console for excellent visibility: a rotary console ensures all-around visibility for enhanced operation performance.
- Centered static and dynamic forces for extreme compaction homogeneity.
- Long life vibration drum: highly reliable vibration management, up to 10000 hours theoretical lifetime of vibration bearings.
- Adjustable water spraying, stable and reliable: multi-interval controlled spraying, 1000L water tank for increased uptime, triple filtration.
- Maintenance accessibility: power system on rear frame for better convenience.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	H2	S	D
XD143	5146	3700	2336	2130	3076	2398	310	18	1300



Main specifications

Item	Content	Unit	XD143
Weights	Operating weight	kg	14000
	Maximum operating weight	kg	NA
	Front axle weight	kg	7000
	Rear axle weight	kg	7000
	Static linear load	N/cm	322
Maneuverability	Operating speed	km/h	0~6/0~12
	Gradeability	%	35
	Minimum turning radius(outer)	mm	6930
	Minimum ground clearance	mm	310
	Wheel base	mm	3700
	Steering angle	°	±35
	Oscillation angle	°	±8
Compaction	Vibration frequency	Hz	45/55
	Nominal amplitude	mm	0.85/0.35
	Excitation force	kN	158/98
	Drum diameter	mm	1300
	Drum width	mm	2130
Engine	Model	-	Cummins
	Emission	-	China III
	Rated power	kW	119
	Rated speed	r/min	2200
Capacities	Fuel tank	L	240
	Urea tank	L	NA
	Water tank	L	1000