

XS185S/XS185SPD



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Single Drum Vibratory Roller

XS185S/XS185SPD is heavy type self-propelled vibratory roller, mainly applicable for compaction work of base layer, sub-base layer of different materials and filling projects. It is an ideal equipment for compacting high grade highway, airports, ports, dams and industrial construction sites.



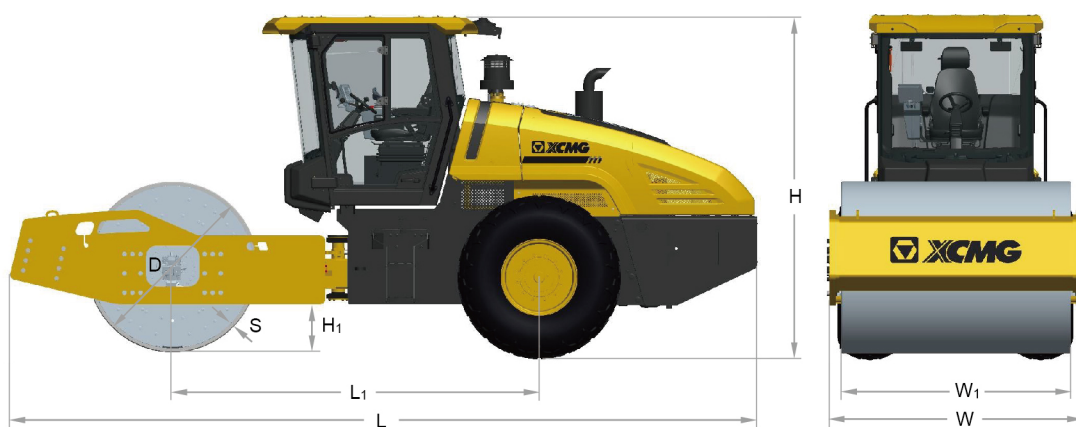
Performance and characteristics

- 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%.
- Exclusive drum surface hardening technology, drum stiffness improved by 100%.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS185S	6990	3430	2350	2130	3200	490	36	1523
XS185SPD	6990	3430	2350	2130	3200	490	36	1735



Main specifications

Item	Content	Unit	XS185S/XS185SPD
Weights	Operating weight	kg	18000/18800
	Maximum operating weight	kg	18000/18800
	Front axle weight	kg	11500/12300
	Rear axle weight	kg	6500
	Static linear load	N/cm	540/-
Maneuverability	Working speed(F/R)	km/h	0-10.3/0-11
	Gradeability	%	50
	Minimum turning radius(outer)	mm	6900
	Minimum ground clearance	mm	490
	Wheel base	mm	3430
	Steering angle	°	±33
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	28/33
	Nominal amplitude	mm	1.86/0.93 1.6/0.8
	Excitation force	kN	340/240
	Drum diameter	mm	1523/1735
	Drum width	mm	2130
Engine	Model	-	QSB5.9
	Emission	-	China stage III
	Rated power	kW	142
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12PR
	Ply rating	-	12
	Air pressure	kPa	150-170
Capacities	Fuel tank	L	300
	Urea tank	L	NA