Ref. XS203J_DS_EN_V2026.01

XS203J

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XS203J

Single Drum Vibratory Roller

XS203J is suitable to the compaction operation of pebbles, sandy soils, moraine soil, blasting rock and clayey soil, as well as the compaction of concrete and stabilized soil base materials in various large projects. It is the ideal compaction equipment for the construction of high-grade highways, airports, harbors, dams and industrial construction sites.

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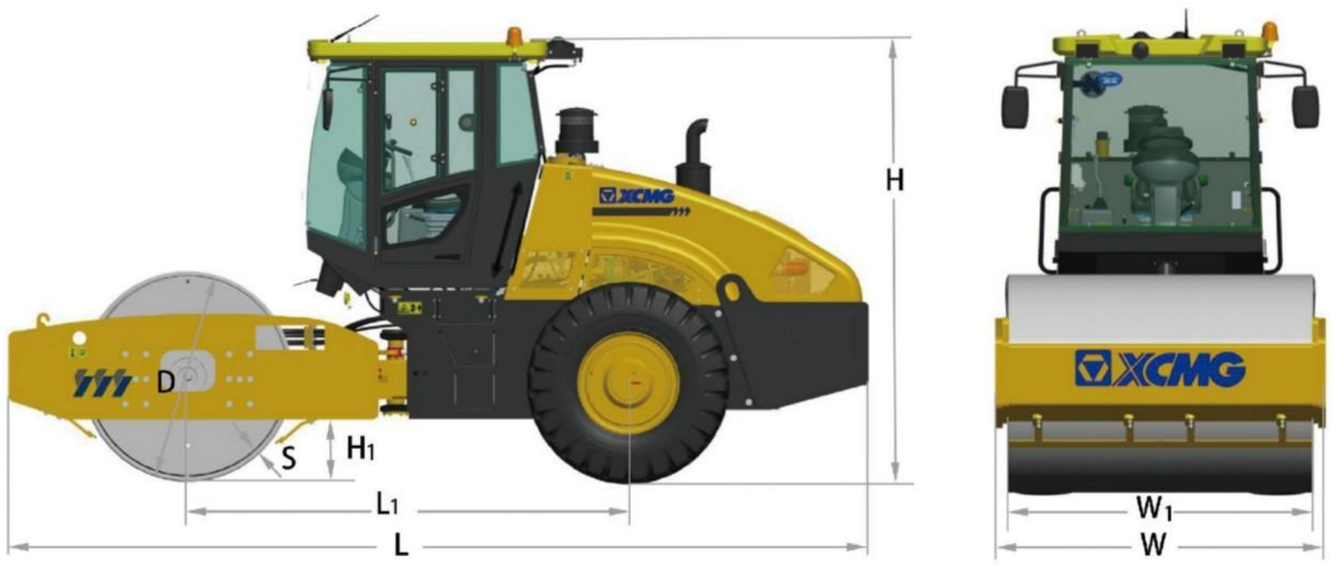
Performance and characteristics

- Overall parameters reasonably matched and optimized, low-speed engine and hydraulic damping control technology contributes to significant reduced consumptions and emissions;
- Centered static and dynamic forces and optimized transmission system effectively improves compaction performance and efficiency;
- XCMG exclusive open loop two-frequency vibration system enables wide-ranging applications;
- Container transportable;
- Detachable cabin with ROPS, safe and reliable, easy to disassemble and assemble.
- Independent researched and developed new electronic control system, improving the operation comfort.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS203J	6320	3230	2300	2130	3200	440	40	1600



Main specifications

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Item	Content	Unit	XS203J
Weights	Operating weight	kg	20000
	Maximum operating weight	kg	20000
	Front axle weight	kg	10000
	Rear axle weight	kg	10000
	Static linear load	N/cm	
Maneuverability	Working speed(F/R)	km/h	2.95/5.78/9.4
	Gradeability	%	30
	Minimum turning radius(outer)	mm	6500
	Minimum ground clearance	mm	440
	Wheel base	mm	3230
	Steering angle	°	33
	Oscillation angle	°	11
Compaction	Vibration frequency	Hz	28/33
	Nominal amplitude	mm	1.9/0.95
	Excitation force (high/low frequency)	kN	353/245
	Drum diameter	mm	1600
	Drum width	mm	2130
Engine	Model	-	SC7H160.3G2B
	Emission	-	China stage II
	Rated power	kW	118
	Rated speed	r/min	1800
Tire	Spec.	-	20.5-25-16PR
	Ply rating	-	16
	Air pressure	kPa	250-350
Capacities	Fuel tank	L	310
	Urea tank	L	-