

XS163



XS163

Single Drum Vibratory Roller

XS163 is heavy duty vibratory roller, mainly applicable for compacting operation of base layer, sub-base layer of different materials and filling engineering. It is an ideal equipment for constructing high grade highway, airport, port, dam and industrial construction sites. This machine is powered by Dongfeng Cummins high-power engine, matching XCMG drive axle and hydraulic drive system, competent to work in most construction sites.

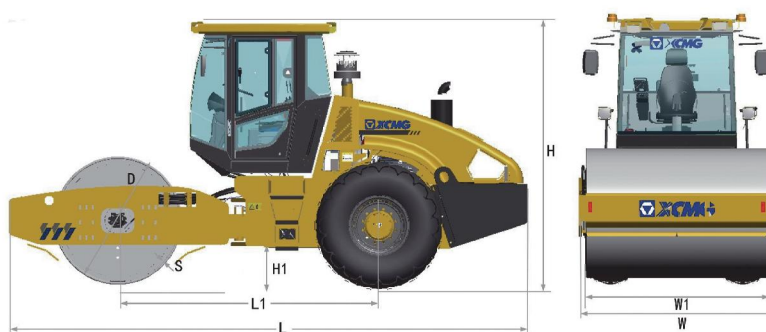
Performance and characteristics

- Industry leading climbing ability fits to extreme working conditions.
- 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%.
- KFR Air conditioner improves operation comfort.
- 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
XS163	6200	3100	2300	2130	3200	459	36	1523



Main specifications

Item	Content	Unit	XS163
Weights	Operating weight	kg	16000
	Maximum operating weight	kg	16000
	Front axle weight	kg	9750
	Rear axle weight	kg	6250
	Static linear load	N/cm	449
Maneuverability	Working speed(F/R)	km/h	0-4.2;0-11.5
	Gradeability	%	50
	Minimum turning radius(outer)	mm	6415
	Minimum ground clearance	mm	459
	Wheel base	mm	3100
	Steering angle	°	±33
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	30
	Nominal amplitude	mm	1.86/0.88
	Excitation force (high/low frequency)	kN	320/160
	Drum diameter	mm	1523
	Drum width	mm	2130
Engine	Model	-	6BTAA5.9-C170
	Emission	-	China stage II
	Rated power	kW	125
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL
	Ply rating	-	12
	Air pressure	kPa	200
Capacities	Fuel tank	L	240
	Urea tank	L	/

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



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