

XS203H



XS203H

VIBRATORY ROLLER

XS203H is a type of highly efficient and energy-saving super heavy mechanical single drum vibratory roller independently developed by XCMG Construction Machinery Co., Ltd. The overall parameters of the product are reasonably matched. The applied China-III Shangchai 7H electrically controlled high pressure common rail engine, hydraulic damping control technology and hydrostatic transmission technology are used to improve the operating comfort;

Performance and characteristics

- China-III Shanghai high pressure common rail EFI diesel engine realizes optimal fuel consumption working area with 10% less fuel consumption and high-power reserve;
- Optimized power train system matching achieves the best compaction speed and 8% higher efficiency;
- The whole machine adopts three-level braking, service braking, parking braking and emergency braking. After emergency braking, the engine will be flame out and the whole machine is power off, safe and reliable.
- The insulation of combined rigidity is adopted in the cabin and frame, multi-dimensionally reducing cabin vibration and drastically improving the working comfort;
- Scientific and reasonable air duct design, independent

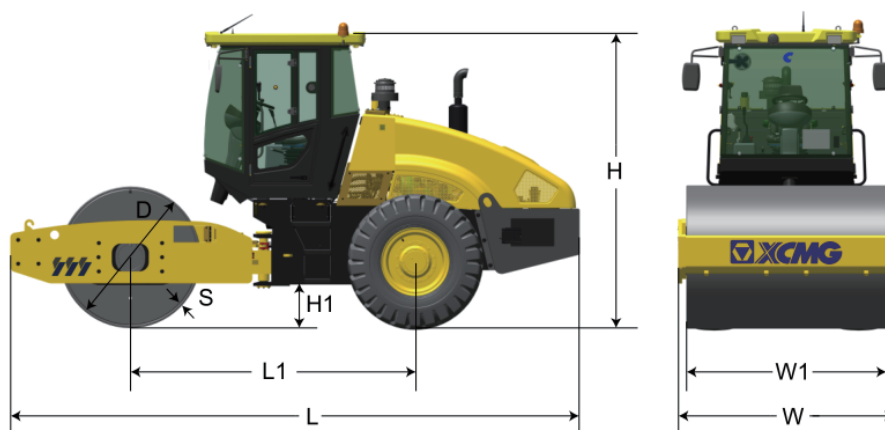
cooling of air conditioning system ensures sufficient air intake and excellent cooling effect, thus ensuring efficient operation of power system;

- Hydrostatic transmission improves the operating comfort of the whole machine;
- Advanced hydraulic damping control technology, optimized vibration parameters greatly improve reliability and work quality;
- Engine hood tilts forward largely and easily for access to each system part; Electric lifting device enables safe stop at any position.
- New streamline appearance design of XCMG "3" series single drum roller is applied.

Main dimensions

Unit: mm

Model	D	H	H1	L	L1	S	W	W1
XS203H	1600	3200	440	6320	3230	40	2300	2130



Main specifications

Item	Unit	Parameters
Operating Weight	kg	20000
Rear axle weight	kg	10000
Front axle weight	kg	10000
Static linear load	N/cm	470
Vibrational Frequency	Hz	28/33
Theoretical amplitude	mm	1.9/0.95
Centrifugal force	kN	353/245
Wheelbase	mm	3230
Drum width	mm	2130
Theoretical Gradeability	%	39
Minimum Turning Radius	mm	6500
Drum diameter	mm	1600
Minimum ground clearance	mm	440
Overall dimensions(L×W×H)	mm	6320×2300×3200
Pressure of vibration system	MPa	18
Pressure of drive system	MPa	38
Pressure of steering system	MPa	16

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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