

XS225H



XS225H

SINGLE DRUM VIBRATORY ROLLER

XS225H vibratory roller is a highly efficient and energy-saving super heavy machinery driven single drum vibratory roller independently developed by XCMG Construction Machinery Co., Ltd. This 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.

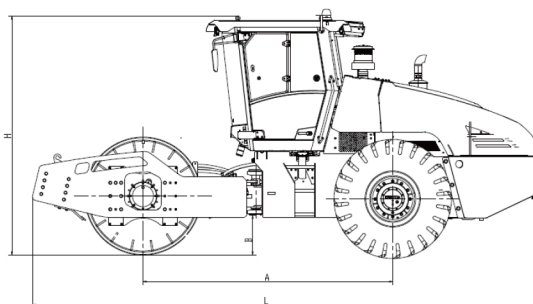
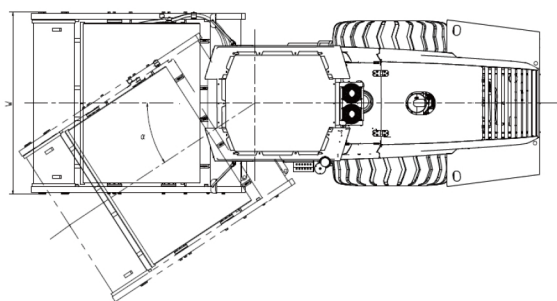
Performance and characteristics

- China-III Shangchai 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;
- Four-level braking including service braking, parking braking, secondary braking and assistant braking is used; Assistant braking acts as terminal brake, 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.
- The machine uses the new appearance modeling of XCMG single drum roller "5" series platform, modern and stylish.

Main dimensions

Unit: mm



L	W	H	A	B	α
7000	2390	3260	3430	440	33°

Main specifications

Item	Unit	Value
Operating Weight	kg	22000
Rear axle weight	kg	11000
Front axle weight	kg	11000
Static linear load	N/cm	516
Vibrational Frequency	Hz	28/33
Theoretical amplitude	mm	2.0/1.1
Centrifugal force	kN	374/290
Speed rang I	km/h	0-5
Speed rang II	km/h	0-8
Wheelbase	mm	3430
Drum width	mm	2130
Theoretical Gradeability	%	44%
Minimum Turning Radius	mm	7000
Drum diameter	mm	1600
Minimum ground clearance	mm	440
Engine Model		SC7H200G3
Engine Rated speed	r/min	2200
Engine Rated Power	kW	147
Overall dimensions(L×W×H)	mm	7000×2300×3260
Pressure of vibration system	MPa	35
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.

