



XS122

XS SERIES SINGLE DRUM VIBRATORY ROLLER



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Introduction

The XS122 is a new medium-duty single drum vibratory roller with hydraulic drive developed on the basis of XS120, the best selling model of its kind in china with the biggest sales in the overseas market. The machine is designed to offer better performance and have a more attractive and fashionable appearance. As one of XCMG's representative fully hydraulic vibratory rollers, this machine represents the highest levels of achievement in compaction, driving, operation, reliability and serviceability within china's roller industry.

Features

■ Maximum Visibility

- The operator's cab features floor-to-ceiling glass to give the operator an excellent view, with uninterrupted visibility both forward and to the rear.



■ Comfortable Operation

- Fully hydraulic drive has the advantage of easy operation. Ergonomically designed instrument control panel, coupled with suspension seat, radio and cassette tape recorder provides a comfortable ride.
- Heating and air-conditioning are standard on XS122, increasing operator comfort.



■ Outstanding Compaction Performance

- Reliable dual vibration amplitude and frequency selection, combined with optimized static linear load and centrifugal force assure maximum compaction across a wide range of materials.
- Optional padfoot drum(available in weld-on padfoot version and padfoot shell kit version) expands the application range of the XS122 to work in either semi-cohesive or cohesive material, which maximizes user's return on investment.



■ Optimum Driving System

- Power is provided by a water cooled, turbocharged original CUMMINS engine that is EU Stage II certified. The engine is built to provide good reliability, high power reserve rate, low fuel consumption, reduced emissions.
- Internationally sourced heavy duty axle with NO-SPIN differential and wide base tyres assure maximum ground contact for optimum traction and good mobility across a wide variety of applications.
- Closed circuit hydrostatic drive system uses imported heavy-duty variable displacement pump and motors, which helps prevent wheel slip to assure optimum traction and exceptional climbing ability.



POWER



DRIVE AXLE



DRIVE PUMP



VIBRATORY PUMP

■ Reliable Electrical System

- The electrical system features water-proof, dust-proof, vibration-resistant electric connectors for increased reliability.
- Imported maintenance-free battery has high current start up capability and good adaptability.



■ Comprehensive Safety Protection

- Service brake, parking brake and emergency brake assure safe driving.
- ROPS cab assures driver safety.
- Anti-slip access steps and no-slip pattern rubber floor mat help prevent the operator from slipping.
- Engine bonnet support system is equipped with safety protection device to assure maintenance and service man safety.
- Rotating red alarm light and backup buzzer are available to assure safe driving.

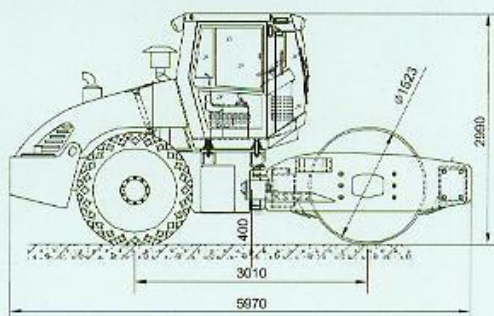
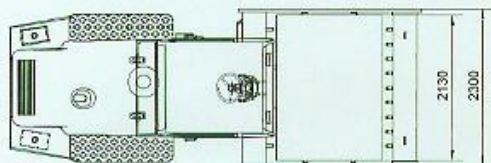


■ Excellent Serviceability

- Warning devices are provided on the instrument panel to alert the operator when service or maintenance is needed, helping to nip potential machine faults in the bud, avoiding disastrous damages and minimizing downtime.
- Forward-tilting engine bonnet with wide opening provides easy access to service points. An independent electro-hydraulically operated support system controllable from the operator's station stops the engine bonnet safely at any height for easy maintenance and service.



CONTOUR SIZE (mm)



MAIN TECHNICAL SPECIFICATIONS

Type	Unit	Specifications
Operating weight	kg	12000
Distributed weight on front drum	kg	6700
Static linear load	N/cm	308
Speed range	km/h	0 ~ 10.4
Theoretical gradeability	%	45
Min.turning radius outside drum edge	mm	6800
Steering angle	°	±30
Oscillating angle	°	±10
Vibration frequency(L/H)	Hz	30/35
Nominal working amplitude(H/L)	mm	1.80/0.9
Centrifugal force(H/L)	kN	290/180
Drum diameter	mm	1523
Drum width	mm	2130
Engine		
Model	Cummins 4B3.9 / Cummins QSB4.5	
Type	water-cooled, turbocharged, air-to-air after cooled	
Rated power	kW	93 / 97

XS122(CE) is Optional

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Please contact with our district agent:

Materials and specifications are subject to change without notice.