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XS-Series Single Drum Compactors

XS205S



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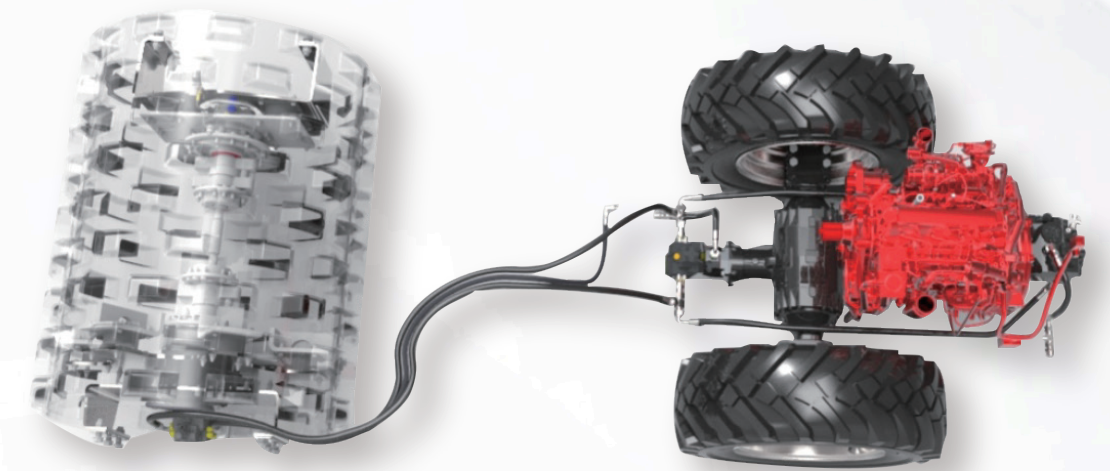
INTRODUCTION OF XCMG

XCMG, as a leading enterprise valued of 100 billion RMB, with the largest scale, the best technology level, the largest export volume, and high competitiveness and influence in China's construction machinery industry, has been occupying the first place in China's construction machinery industry for decades, and it now ranks the third in the world industry and the 395th among the world's top 500 brands. The main products by XCMG consists of 16 categories of equipment such as hoisting machinery, excavation machinery, concrete machinery, mining machinery, earth-moving machinery and road machinery, etc., as well as three categories of key components such as hydraulic system, transmission system and electric control system. Among above-mentioned, hoisting machinery ranks first in the world, and package solution of road construction and maintenance machinery, piling machinery and concrete machinery are among the first-class bloc in the world.

XCMG has accumulated more than 8000 approved patents, including more than 1900 invention patents and more than 130 PCT international patents. Entities of R&D centers, manufacturing plants or KD factories are in operation in more than 10 countries such as Germany, the United States, Brazil and India, XCMG has also acquired three European enterprises including Schwing in Germany. The Brazil manufacturing plant, with an investment of 350 million dollars to build up factories on a bare ground, has become a model of economic cooperation between China and Brazil. At present, XCMG products are exported to 187 countries and regions, covering 97% of the countries along "The Belt and Road" area. In export business to 35 countries, XCMG's proportion ranks NO. 1, with a steady first place within Chinese industry in terms of annual export volume and overseas income.

PRODUCT HIGHLIGHTS

The XS205S hydraulic drive, single drum vibratory roller features high vibratory force. Producing large tonnage, high compaction efficiency and compaction quality. It is used widely in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.



Drive Capability

- High performance hydraulic drive system Closed loop hydraulic drive system composed of big displacement piston pump and motor, front and rear wheel double drive, theoretical climbing capacity up to 50%,
- Efficient heavy duty drive chain. Large-speed ratio heavy load front wheel reducer and drive axle for efficient torque transmission and higher traction force,
- Anti-slip control Electrically proportional anti-slip control system improves adaptability to harsh conditions with NO-SPIN differential drive axle.



Compaction Performance

The 2:1 mass distribution ratio of the front and rear wheels, large static load of front wheel, high excitation force, compaction thickness typically reach 50cm or more.

Wider application range. Working well with different soils classification without reducing compaction thickness.



Drift-sand



Gravel-soil

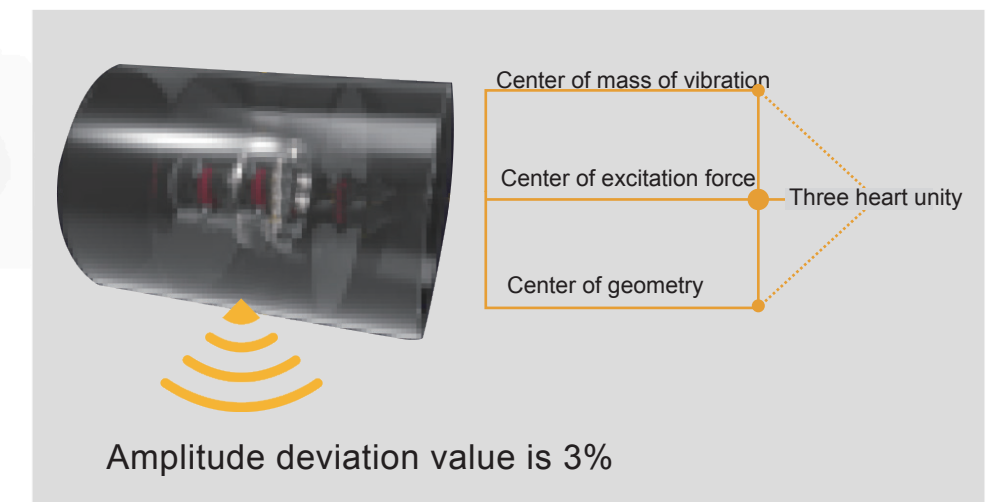
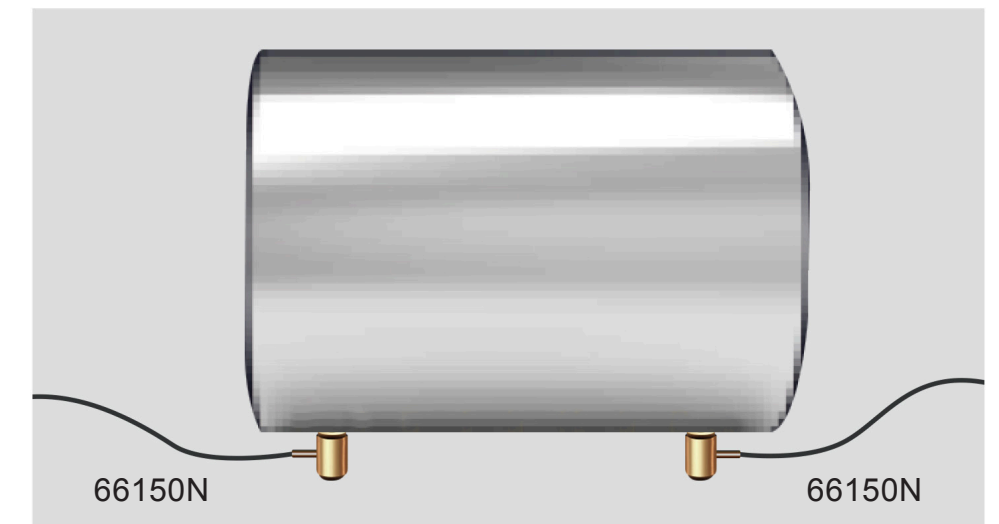
Compaction quality

- Improved uniformity

The vibration parameter optimization matching technology allows the appropriate contact pressure on different materials, reducing the occurrence of over-or under-compaction; Constant drive speed control technology ensures well compacted and even road surface.

- Three center coincidence

The drum "three center coincidence" technology and the amplitude uniformity control technology essentially guarantee the compaction quality and improve the efficiency of dynamic and static compaction.



Human Machine Interaction—security



Human Machine Interaction–illumination

- Four LED working lights front and rear of cab provide excellent illumination for night operation.
- Back-up lights, steering signals, rotating beacon lights for better signalling.



Human Machine Interaction–comfort



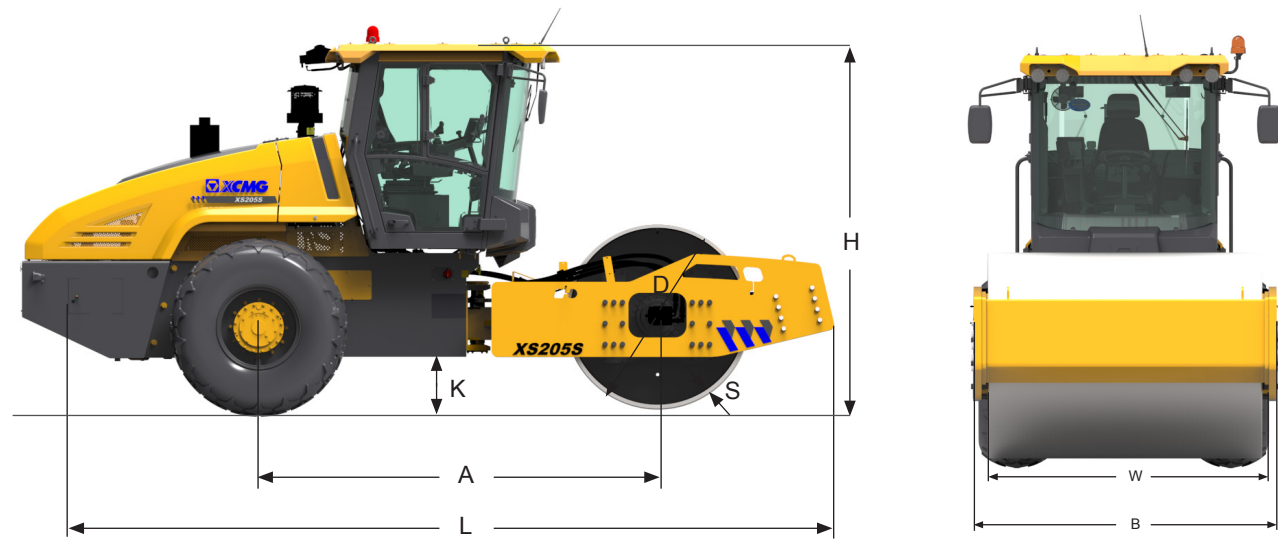
- ① Cabin insulation provides a quiet operating environment.
- ② Air conditioner provides excellent cabin temperature control.
- ③ Wide suspension seat provides full support for operator and reduces whole body vibrations.
- ④ Adjustable seat and steering column are engineered for optimised ergonomics for operator comfort.
- ⑤ Electronic joystick integrates the drum vibration button for easy control and comfort.

Easy to Service

- Easy viewing LCD display and Audio- visual alarm on dashboard provides service and repair information.
- External oil filter and fuel filter for convenient servicing , large underhood maintenance.
- Engine hood is opened from ground level providing easy access.



DIMENSIONS



Dimensions (mm)	A	B	D	H	K	L	S	W
XS205 standard	3430	2390	1600	3200	490	6990	40	2130
XS205SPD Optional	3430	2390	1812	3200	490	6990	-	2130

SPECIFICATIONS

Item	Content	Unit	XS205S
Weights Parameters	Operating weight	kg	20000
	Maximum operating weight	kg	20000
	Front axle weight	kg	13500
	Rear axle weight	kg	6500
	Static linear load	N/cm	621
Maneuverability Parameters	Operating speed (First/Second gear)	km/h	0-10.6
	Theoretical gradeability	%	50
	Minimum extern turning radius	mm	6900
	Minimum ground clearance	mm	490
	Wheel base	mm	3430
	Steering angle	°	±33
	Oscillation angle	°	±10
Compaction Performance	Vibration frequency (LF/HF)	Hz	28/33
	Nominal amplitude (High/Low amplitude)	mm	1.90/0.95
	Exciting force (LF/HF)	kN	385/270
	Drum diameter	mm	1600
	Compaction width	mm	2130
Engine	Model	-	QSB5.9
	Rated power	kW	142
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12PR
	Ply rating	-	12
	Air pressure	kPa	150-170
Service refill capacities	Fuel tank	L	300
	Urea tank	L	

Optimum services , XCMG Guaranteed



XCMG approved attachments Genuine parts Extension of warranty Financial solutions Maintenance contract Telematics Monitoring systems

Professional Integrated Complete Solutions

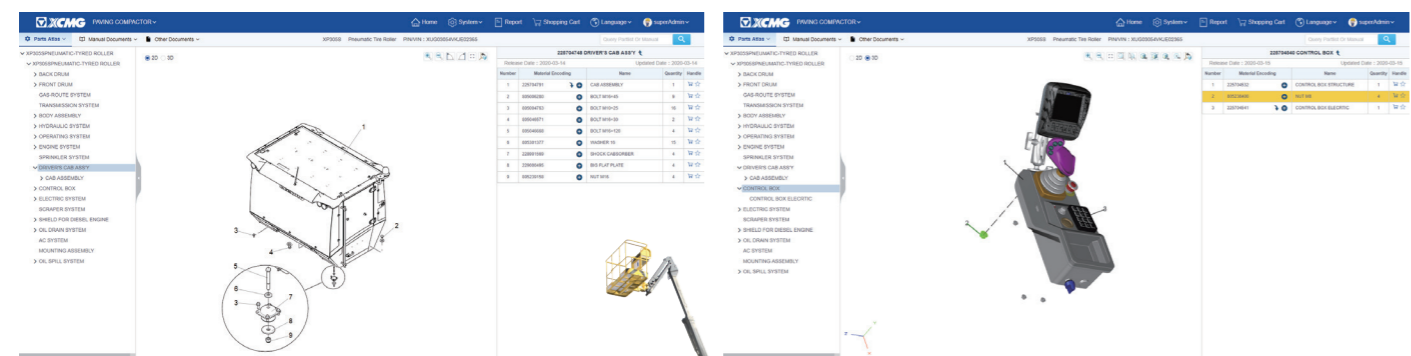
XCMG group has built a strong reputation based on the quality, reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all users.

Full range of services ready for you

In order to respond to your needs as fast as possible, XCMG experts are on their way to your job site from one of our facilities near you. Full range of services are available in order to reduce your total cost of ownership and increase your revenue.



XCMG Global Spareparts System



Mobile cranes Excavators Aerial work platforms Wheel loaders Road machinery

