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XMR303S/XMR403S

Light Vibratory Rollers



www.xcmg.com

XCMG Regional Departments:

Europe	(+86-516) 87739238 87739271 87739228	Africa	(+86-516) 87735009 87739222 87739283
West Asia & North Africa	(+86-516) 87739252 87739202 87739223	Central Asia	(+86-516) 87739218 87739236 87739538
Asia-Pacific	(+86-516) 87739500 87739529 87739233	America	(+86-516) 87739285 87739551 87739715

XCMG NORTH AMERICA CORPORATION
Add: 5145 Schirlls St. Las Vegas, NV 89118

Tel: +1 407 9689320
E-mail: jack-xie@xcmg.com

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD
Add: No.1, Tuolanshan Road, Xuzhou Economic Developing Zone, Jiangsu, China 221004

Fax: (+86-516) 87739230
E-mail: export@xcmg.com

Engine

Model : PERKINS 403F-E17T
Rated Power : 40hp@2800rpm
30kW@2800rpm

Compaction Performance

Working Mass : 3340 kg (7363 lb)
Static Linear Load : 12.3/15.5 kg/cm (69/87 pli)
Vibrating Frequency : 63 Hz (3780 vpm)
Nominal Amplitude : 0.49 mm (0.019 ")
Centrifugal Force : 36 kN (8093 lbf)

Vehicle Performance

Max.vehicle Speed : 10.5 km/h (6.52 mph)
Min.turning Radius : 4190 mm (165 ")
Max.gradeability : 44 %

Simple Operation

The low platform, accessible, easy to use;
Adjustable seats and spacious manipulation platform, comfort;
Simple and intuitive control panel, equipped with protective cover, ensure the best operating state.

Reliable Braking

Control handle with neutral start, neutral brake function;
Emergency brake button ensures reliability of parking brake and emergency brake;
Seat with electric lock, avoid the human and machine damage caused by incorrect operation.

Excellent Compaction Performance

Large diameter drum, reducing the scuffing of asphalt mix in front of the roller, improving the evenness of the layer;
Large centrifugal force and high frequency vibration, ensures good compaction effect and compaction efficiency;
Long life vibratory drum, minimize operating costs.

Stronger Power

Perkins engine, high power reserve, strong power, satisfy EPA Tier 4F requirements;
Big traction force design, satisfies demand of construction under tough conditions;
Maximum speed of 10.5 km/h(6.52 mph), infinitely variable speed, strong maneuverability.

Best Water Spray System

Large capacity water tank, reduces the stopping time for adding water, achieving continuous water sprinkling;
Adjustable scraping plate on both sides with electric sprinkler, keeping the drum surface clean, avoid adhesion of compacted material.



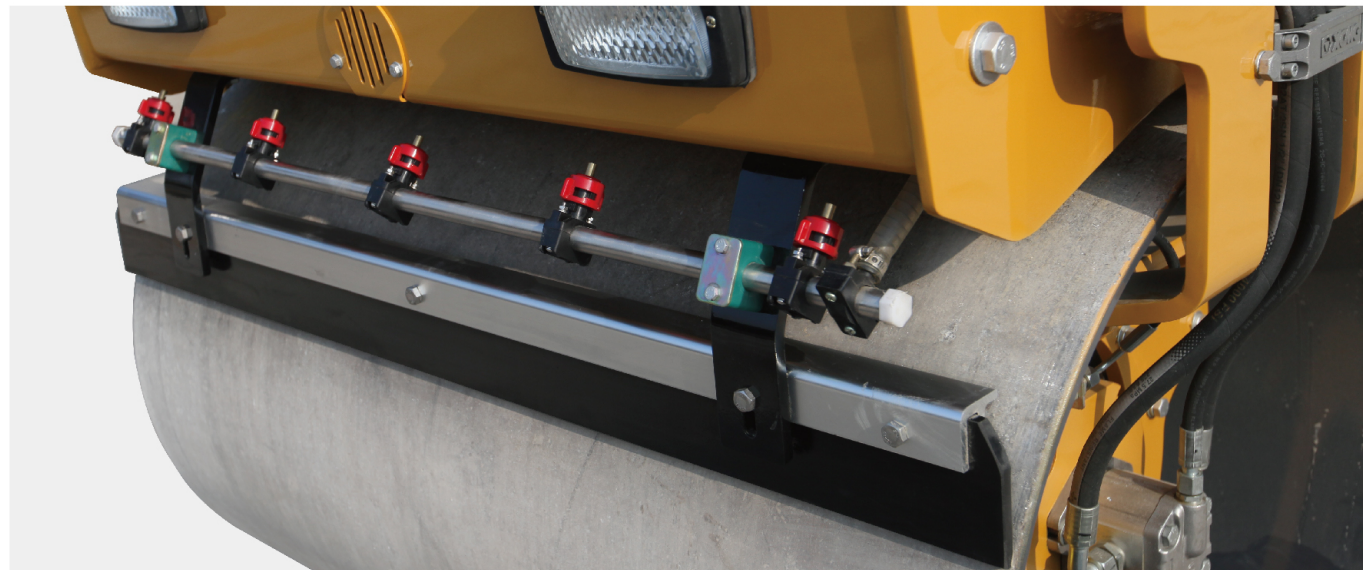
- Reasonable layout of control elements and low center of gravity and frameless design, allowing excellent vision of drum edge and front and rear working area.



- Cross hinge mechanism, reliable connection, compact and flexible motor performance, big ground clearance design, the whole machine has good traffic ability.



- Good ability of welt and independent vibration function, meet the requirements of different compaction; Low noise level, applied to work at night.



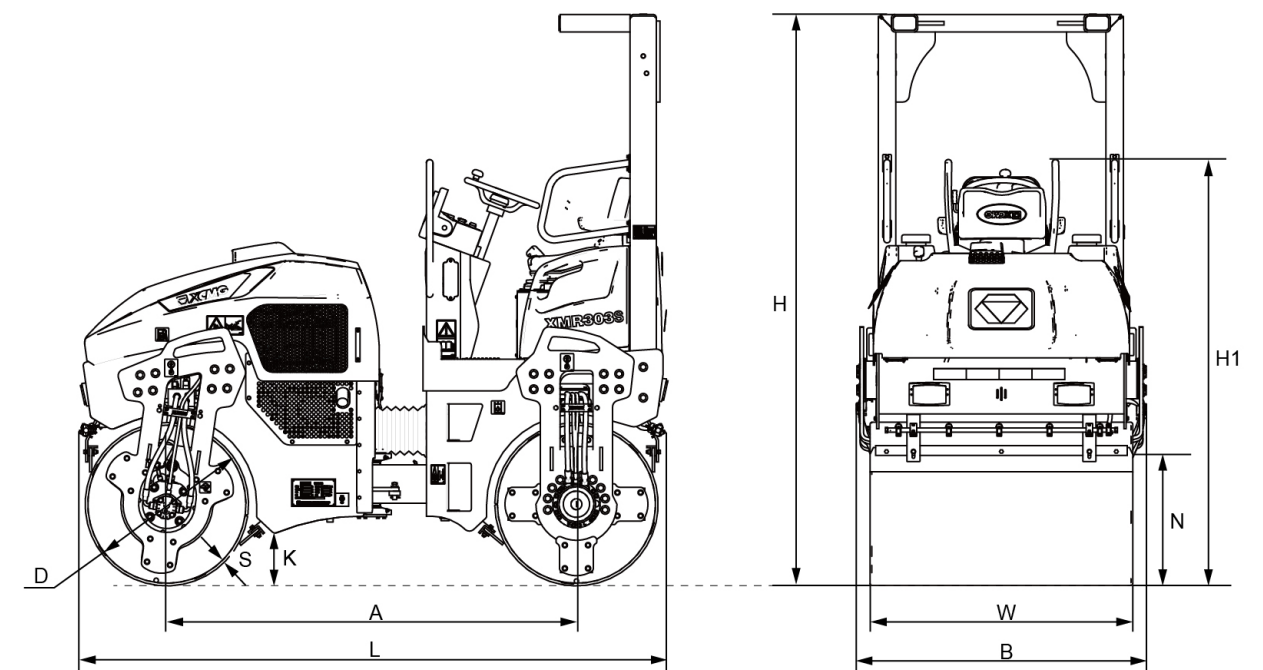
- 220L water tank;
- Triple filter system, providing reliable performance, reduce maintenance services;
- Single water outlet, simplify maintenance services.



- EPA Tier 4F Perkins engine;
- All maintenance points easy to reach, easy to maintain, reducing the failure probability;
- Utilizing reliable components and long life design, maximum reducing operating costs.

FEATURES

		XMR303S	XMR403S
Engine	kW(hp)	30(40.2)	44.7(59.9)
Operating Weight	kg(lb)	3340(7363)	4100(9039)
Static Linear Load	kg/cm(pli)	12.3/15.5(69/87)	14.5/17.4(82/98)
Amplitude	mm(")	0.49(0.019)	0.41(0.016)
Frequency	Hz(vpm)	63(3780)	63(3780)
Centrifugal Force	kN(lbf)	36(8093)	46(10341)



			XMR303S	XMR403S
A	Wheel Base	mm(")	1870(73.6)	1920(75.6)
B	Total Width	mm(")	1326(52.2)	1428(56.2)
D	Drum Diameter	mm(")	746(29.4)	800(31.5)
H	Total Height (With Rops)	mm(")	2673(105.2)	2776(109.3)
H1	Transport Height (Without Rops)	mm(")	1946(76.6)	2122(83.5)
K	Ground Clearance	mm(")	291(11.5)	348(13.7)
L	Total Length	mm(")	2687(105.8)	2720(107.1)
N	Curb Space	mm(")	600(23.6)	610(24.0)
S	Drum Thickness	mm(")	12(0.47)	16(0.63)
W	Drum Width	mm(")	1200(47.2)	1300(51.2)