



XMR603

轻型压实设备

LIGHT COMPACTION EQUIPMENT

XMR603 tandem vibratory roller has an operating weight of 6 tons. This machine is suitable for surface and edge compaction construction for asphalt engineering, cement engineering and so on, also suitable for sub-base and base, sand and gravel material compaction work, is the idealist compaction machinery for all sorts of parking lot construction, road, sidewalks and bikeway compaction, as well as a variety of road maintenance engineering. Its characteristic is small amplitude and high frequency, standard equipped with sprinklers.

XMR603是工作质量为6吨的振动压路机。该机适用于沥青工程、水泥工程等表层压实和路缘的压实作业，也适合于底基层和基层，砂土和砾石材料的压实作业，是各种停车场施工，车行道、人行道和自行车道压实以及各种道路维修保养工程中最理想的压实机械。其特点是小振幅、高频率，自身携带洒水装置。

Performance Characteristics / 性能特点

- The roller utilizes the Deutz water cooled four-cylinder high pressure common rail diesel engine, can be used in the environment condition of temperature above - 20 °C, altitude below 3000 m, in compliance with the requirements of China stage 3 emission standards.
- Full hydraulic two-wheel drive, two-speed stepless transmission.
- Brake system uses the neutral position braking, emergency braking and parking brake, to ensure the reliability of the brake.
- Short braking distance and high braking torque guarantees the travelling safety.
- The machine is equipped with front and rear working light, convenient for construction at night.
- The middle hinged structure, wheel base of front and rear drum design, full hydraulic steering, front and rear drum track overlaps when steering, small turning radius, high compaction quality. Flexibility and good operation feeling is obtained.
- Large ground clearance and curb clearance are designed for better passability and edge compacting.
- The machine adopts triple shock absorption system, effectively reduce the vibration, comfort driving experience.
- Engine is in front position, when open the engine hood, all maintenance points are exposed, available and convenient for maintenance and repair.
- 该机采用道依茨水冷四缸高压共轨柴油发动机，适用于温度-20℃以上海拔高度3000m以下环境，排放符合国Ⅲ标准。
- 全液压双轮驱动、两档无级变速。
- 制动系统采用中位制动、紧急制动和停车制动三级制动，确保行车制动的可靠性。
- 制动距离短，制动力矩大，保证产品行驶的安全性。
- 整机配有前后工作灯，为夜间施工提供方便。
- 采用中间铰接结构，前后轮等轴距设计，全液压转向，转向时前后轮迹重合，转弯半径小，压实质量高，转向轻便，手感好。
- 大离地间隙和路缘间隙设计，使通过性和贴边性更好。
- 该机采用三级减震系统，有效地减少了工作中的振动，驾驶舒适。
- 发动机前置，打开机罩时所有维修保养点均裸露出来，易于接触，保养维修方便。

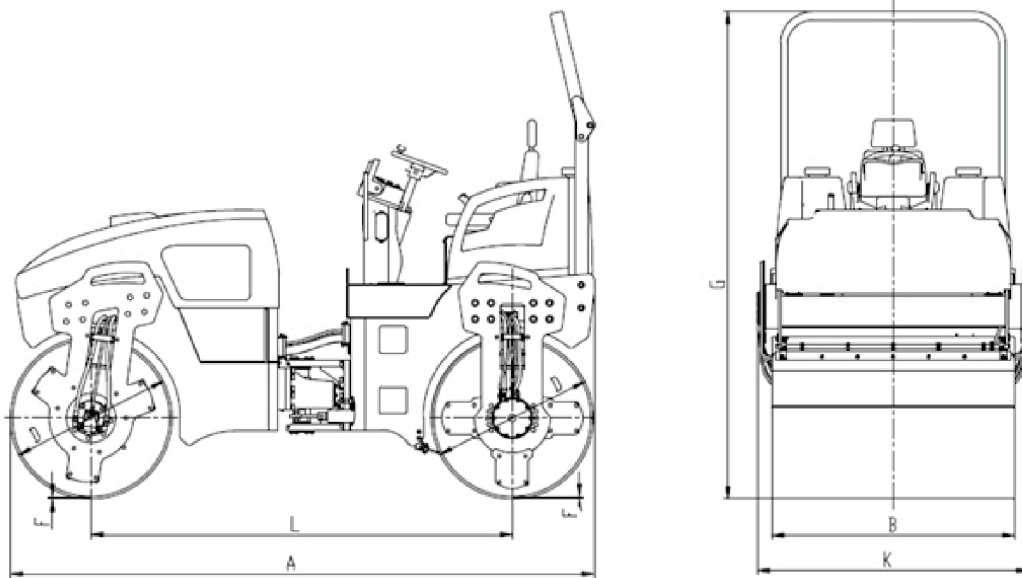
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Main Dimensions

主要尺寸



单位 Unit: mm

尺寸Size	A	B	C	D	F	K	L
XMR603	3595	1520	2980	950	16	1675	2600

Main Specifications

主要技术参数

Item	项目	单位 Unit	XMR603
Operating mass	工作质量	kg	6000
Static linear load (front drum)	前轮静线载荷	N/cm	193/193
Vibration frequency	振动频率	Hz	55/48
Amplitude	振幅	mm	0.67/0.35
Exciting force	激振力	kN	70/45
Vibrating drum (Diameter x width)	振动轮 (直径 × 宽)	mm	950 × 1520
Theoretical gradeability	理论爬坡能力	%	37
Working speed	工作速度	km/h	0 ~ 5.5/0 ~ 11
Maximum operating mass	轴距	mm	2600
Steering angle	转向角	°	± 35
Swing angle	摇摆角	°	± 10
Minimum turning radius (intern)/(extern)	最小转弯半径(内)/(外)	mm	3500/5020
Minimum ground clearance	最小离地间隙	mm	355
Engine type	发动机型号		道依茨TD2.9L4 Deutz TD2.9L4
Rated power	额定功率	kW	55.4
Rated speed	额定转速	r/min	2300



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