



XMR303S (北美型)

轻型压实设备

LIGHT COMPACTION EQUIPMENT

XMR303S is a light vibratory roller with operating weight of 3.34 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.

XMR303S是工作质量为3.34吨的轻型振动压路机。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。

Performance Characteristics / 性能特点

- Closed hydraulic drive system is adopted to realize stepless speed change.
- Brake system uses the neutral position braking, emergency braking and parking brake, short braking distance and high braking torque, ensuring the safety of the product.
- The front vision of machine is less than 1 x 0.75 m, rear view without any shade, which provides drivers with a good sight range.
- The vibration system can realize the simultaneous vibration and independent vibration of the rear and front drum, and meets the different working conditions.
- High frequency vibration and excitation force design, high working efficiency, good compaction effect.
- Vibration drum width is larger than frame width, convenient to observe compaction condition of drum edge in the construction.
- Large ground clearance and curb clearance, strong trafficability, good edge compaction performance.
- This machine has also the air intake preheating function, can realize low temperature cold start.
- Perkins three cylinder water-cooled turbocharged engine, in compliance with EPA Tier 4 final and EU Stage III B emission requirements, allowing machine working normally in the environment at an altitude of 3000 meters and temperature above - 20 °C.
- Dual-wheel electric sprinkler, two-way adjustable scraper, avoid the adhesion of asphalt, and large capacity plastic water tank reduces the time for stopping and adding water.
- 采用闭式液压驱动系统，可实现无级变速。
- 制动系统采用中位制动、紧急制动和停车制动三级制动，制动距离短，制动力矩大，保证产品行驶的安全性。
- 整机前视野小于1×0.75m，而后视野无任何遮挡，给驾驶人员提供了良好的视线范围。
- 振动系统实现前后钢轮的同时振动、分别振动和静碾，满足不同的工况需求。
- 高频振动及激振力设计，工作效率高，压实效果好。
- 振动轮宽度大于车架宽度，方便施工中观察轮边压实情况。
- 超大离地间隙和路缘间隙，产品通过性强，贴边压实性能好。
- 整机带有进气预热功能，可实现低温冷启动。
- 动力采用珀金斯三缸水冷增压发动机，符合EPA Tier 4 final和EU Stage III B排放要求，可在海拔高度3000米以下，温度-20℃以上的环境中正常工作。
- 双轮电动洒水，双向可调节刮泥板，避免沥青的粘附；洒水箱采用大容量塑料水箱，减少了停机加水时间。

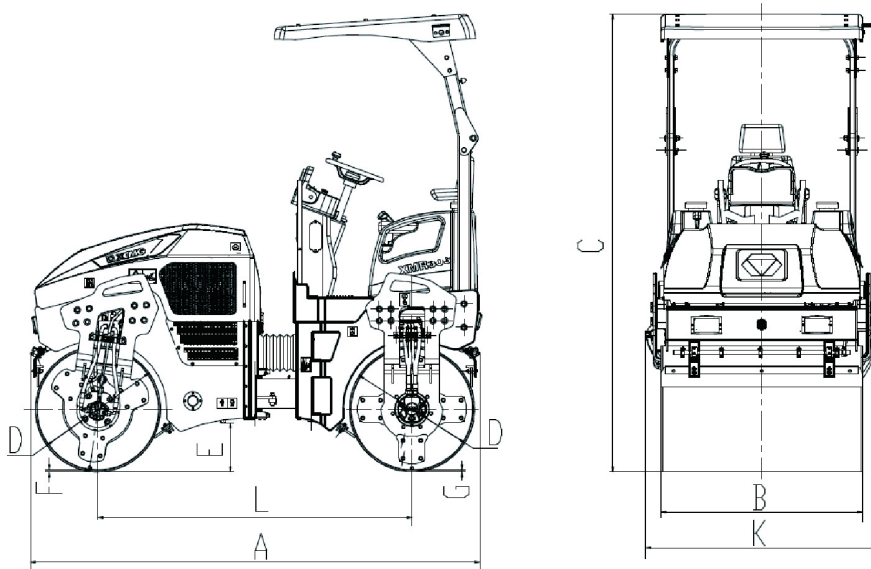
XMR303S

轻型压实设备

LIGHT COMPACTION EQUIPMENT

Main Dimensions

主要尺寸



| 尺寸 (mm) | A | B | C | D | E | F | G | K | L |
|---------|------|------|------|-----|-----|----|----|------|------|
| XMR303S | 2682 | 1200 | 2722 | 746 | 290 | 12 | 12 | 1328 | 1870 |

Main Specifications

主要技术参数

| Item | 项目 | 单位 Unit | XMR303S |
|---|--------------|---------|-------------------|
| Operating mass | 工作质量 | kg | 3340 |
| Static linear load (front drum/rear drum) | 静线载荷(前轮/后轮) | N/cm | 123/155 |
| Vibrational frequency | 振动频率 | Hz | 63 |
| Amplitude | 振幅 | mm | 0.49 |
| Exciting force | 激振力 | kN | 36 |
| Vibrating drum (Diameter x width) | 振动轮 (直径 × 宽) | mm | 746 × 1200 |
| Theoretical gradeability | 理论爬坡能力 | | 30% |
| Operating speed | 工作速度 | km/h | 0 ~ 10.5 |
| Wheel base | 轴距 | mm | 1870 |
| Steering angle | 转向角 | | ± 30° |
| Swing angle | 摇摆角 | | ± 10° |
| Minimum turning radius | 最小转弯半径 | mm | 4190 |
| Minimum ground clearance | 最小离地间隙 | mm | 290 |
| Engine type | 发动机型号 | | Perkins 403F-E17T |
| Rated power | 额定功率 | kW | 30 |
| Rated speed | 额定转速 | r/min | 2800 |





Machmall.com is an electromechanical product platform officially launched by XCMG, aiming to provide global customers with a complete set of high-quality construction machinery solutions and supporting equipment.

Xuzhou Construction Machinery Group Co., Ltd. (XCMG Group), founded in 1943, is the fourth largest worldwide construction machinery manufacturer and the largest in China with products covering 183 countries and regions.

XCMG have 12 complete solutions: Crane lifting, Mining Construction, Earth-moving Solutions, Road Machinery, Concrete Equipment, Tunnel and Underground Space Construction, Mobile Elevating Work Platform (MEWP), Piling and Non-excavation Equipment, Transportation Equipment, Environmental Sanitation Equipment, Firefighting, Safety and Emergency Rescue



<https://www.machmall.com/>



machmall@xcmg.com



008618652183963
86-516 8773 9797