



# XMR403VT

## 轻型压实设备

### LIGHT COMPACTION EQUIPMENT

XMR403VT combined-type vibratory roller is light compaction machinery product which is independent researched and developed by XCMG road machinery business division based on years of experience in compaction machinery research and development. Its advantages are configuration of front steel drum and rear rubber drum, small amplitude and high frequency, self-carried power sprinklers.

XMR403VT 组合式振动压路机是徐工道路机械事业部集多年压实机械研发经验，自主研制开发的轻型压实机械产品。该产品专为市政养护和建筑工程客户量身订做，整机结构精巧，机动灵活是市政养护、高速管养中沥青面层压实施工和建筑工程理想的压实设备；其特点是前钢轮后胶轮，全轮驱动，小振幅、高频率，自身携带动力洒水装置。

## Performance Characteristics / 性能特点

- The machine utilizes Changchai ZN490B four cylinder, direct injection, water-cooled stage 3 diesel engine, apply to the environment above -10 °C and below 2000 m altitude; Closed hydraulic drive system composed of Danfoss piston pump and Poclain low speed high torque motor, Danfoss gear pump, gear motor and vibration system of Eaton vibration valve, controlled by the vibration valve, realize the vibration and stop of front drum.
- High frequency vibration, energy saving and efficiency.
- Full wheel drive, strong adaptability Full wheel drive, stepless variable speed, the driver can choose the required driving speed according to different working conditions
- New modeling and man-machine engineering design. a. The whole machine appearance is designed with big streamline element, nice and professional. The man-machine engineering is designed by specialized institutions, good driving comfort.
- Three level vibration reduction technology . The flexible connection of vibration drum, control platform and seat greatly reduces the vibration passed on to the operator.
- Good visibility and superior trafficability.
- Design with the limit edge compaction technology and high ground clearance, effectively improve the product's traffic performance and meet the requirements of various compaction conditions.
- Folding backward-turning ROPS, not only effectively protect the human safety, reduced the transport height at the same time, reduce the transportation cost.
- 该机采用常柴ZN490B四缸、直喷、水冷、国III柴油机，适用于温度-10℃以上海拔高度2000m以下环境；丹佛斯柱塞泵和波克兰低速大扭矩马达组成的封闭式液压驱动系统，采用丹佛斯齿轮泵、齿轮马达和伊顿振动阀的振动系统，通过振动阀控制，实现前轮的振动和停止。
- 高频振动，节能高效。
- 全轮驱动，适应能力强 全轮驱动，无级变速，驾驶人员可根据不同的工况，自由选择所需的行驶速度 全新造型和人机工程设计。
- 整机造型采用大流线造型元素，美观大方。
- 专业机构人机工程设计，操纵舒适性好。
- 三级减震技术 通过振动轮、操纵平台、座椅的柔性连接，大大减小了振动传递到操纵人员上的振动。
- 视野开阔，通过性优。
- 采用极限贴边技术和高离地间隙设计，有效提高产品通过性能，满足各种压实工况需求。折叠后翻式防滚翻架，不仅有效保护了人机安全，同时减小了运输高度，降低了运输成本。

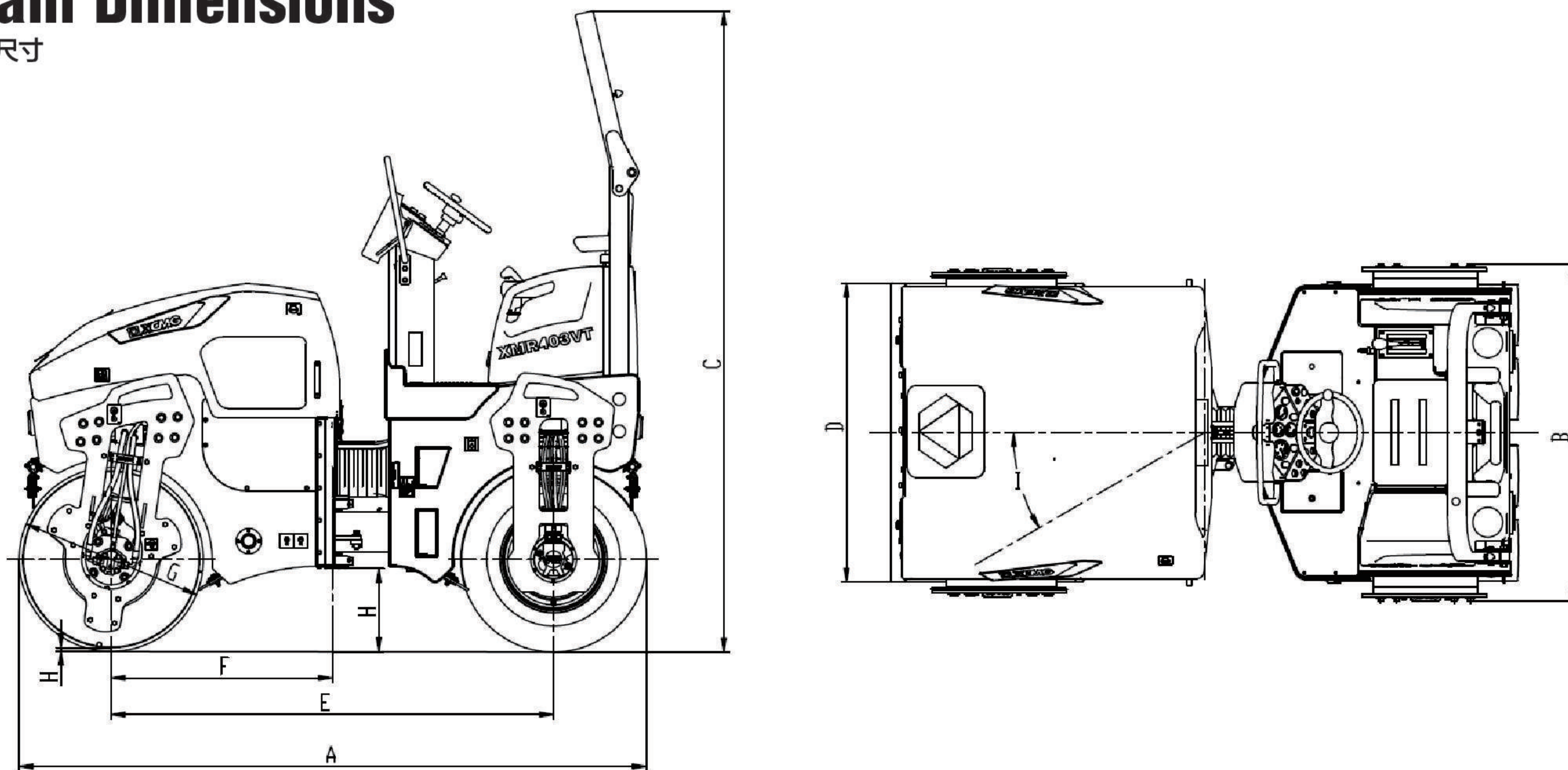
# XMR403VT

## 轻型压路机

LIGHT COMPACTION EQUIPMENT

### Main Dimensions

主要尺寸



单位 Unit: mm

尺寸Size	A	B	C	D	E	F	G	H	I
XMR403VT	2720	1462	2819	1300	1920	960	800	16	30°

### Main Specifications

主要技术参数

Item	项目	单位 Unit	XMR403VT
Operating mass	工作质量	kg	4000
Static linear load (front drum)	前轮静线载荷	N/cm	150
Vibration frequency	振动频率	Hz	60
Amplitude	振幅	mm	0.41
Exciting force	激振力	kN	42
Vibrating drum (Diameter x width)	振动轮 (直径 × 宽)	mm	800 × 1300
Theoretical gradeability	理论爬坡能力	%	30%
Working speed	工作速度	km/h	0 ~ 10.6
Maximum operating mass	轴距	mm	1920
Steering angle	转向角	°	± 30°
Swing angle	摇摆角	°	± 10°
Minimum turning radius (intern)/(extern)	最小转弯半径(内)/(外)	mm	3062/4362
Minimum ground clearance	最小离地间隙	mm	348
Engine type	发动机型号		ZN490B
Rated power	额定功率	kW	36
Rated speed	额定转速	r/min	2600