

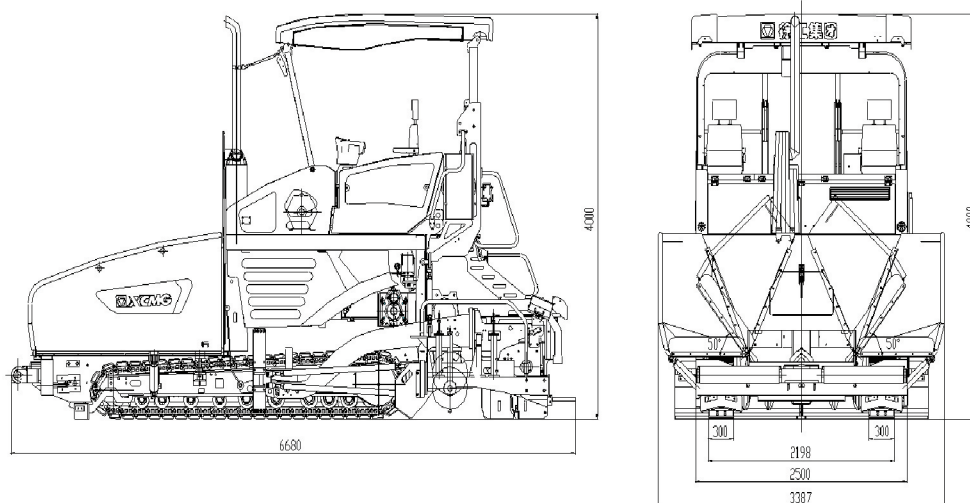
RP603

PAVER

摊铺机

Main Dimensions

主要尺寸



Main Specifications

主要技术参数

| Item | 项目 | 单位 Unit | RP603 |
|-----------------------------|--------|---------|----------------|
| Basic paving width | 基本摊铺宽度 | m | 2.5 |
| Maximum paving width | 最大摊铺宽度 | m | 6.0 |
| Maximum paving thickness | 最大摊铺厚度 | mm | 350 |
| Working speed | 工作速度 | m/min | 0~20 |
| Traveling speed | 行驶速度 | km/h | 0~3.0 |
| Theoretic productivity | 理论生产率 | t/h | 400 |
| Hopper capacity | 料斗容量 | t | 14 |
| Gradeability | 爬坡能力 | % | 20 |
| Evenness | 平整度 | mm/3m | ≤3 |
| Lateral gradient error | 横坡误差 | % | ±0.02 |
| Camber adjustment range | 拱度调节范围 | % | 0~+3 |
| Power of diesel engine | 柴油机功率 | kW | 128 |
| Diesel engine speed | 柴油机转速 | r/min | 2000 |
| Material distribution speed | 分料转速 | r/min | 0~80 |
| Material conveyance speed | 输料速度 | m/min | 0~25 |
| Tamper speed | 振捣转速 | r/min | 0~1500 |
| Tamper amplitude | 振捣振幅 | mm | 4 |
| Overall dimensions | 外形尺寸 | mm | 6680×2500×4000 |
| Overall weight | 整机重量 | t | 18.5~19 |
| Capacity of fuel tank | 柴油箱容积 | L | 290 |
| Hydraulic oil tank capacity | 液压油箱容积 | L | 300 |



RP603

PAVER

摊铺机

RP603 paver is a construction equipment mainly used for the paving of various classified road pavements. With the abundant absorption of the advanced technologies and advantages from the foreign like products, this product adopts the independent left and right traveling drives and the nowadays world's most advanced technologies, including new TTC computer control technology of powerful protection function, ultrasonic level sensing, electronic automatic leveling, and malfunction self-diagnosis, to embody the characteristic of others' advantages. This product is installed with hydraulically telescopic single-tamper pulse-vibration electric-heated screed and has reached the presently domestic leading technologic level. The critical supporting parts of this machine adopt imported products to realize the manufacturing quality and reliability level of like imported products. This machine is an ideal equipment for paving of road asphalt concrete materials.

RP603型摊铺机是一种主要用于各种等级公路面层材料摊铺作业的施工设备。该机充分吸收了国外同类产品的先进技术和优点，行走左右独立驱动，采用了保护功能强的新型TTC微电脑控制技术，超声波料位传感、电子自动找平、故障自我诊断等当今世界最先进技术，具有博众家之长的特色；配置单振捣电加热液压伸缩熨平板，整机技术水平已达到当今国内领先水平。该机关键配套件采用进口元件，使得整机制造质量和可靠性达到同类进口产品水平，是摊铺路面沥青混凝土材料的理想设备。

Performance Characteristics / 性能特点

- The left and right independent traveling drives are applied, the computer control is utilized, and the constant-speed automatic control technology is adopted for the paving speed.
- The ultrasonic sensing control technology is applied for the left and right conveyance/distribution devices.
- The leveling system adopts the electronic automatic leveling technology to effectively improve the road evenness.
- The hydraulically telescopic screed is applied with single-tamper, pulse-vibrating, and electric heating technology to ensure environmental-friendliness and prolong the lives of screed baseplates.
- The centralized lubrication system can supply oil manually and uniformly to the bearings at high temperature portions at periodical intervals.
- The standard advanced, matured, and reliable Shanghai new generation 4-valve SC7H water-cooled and turbocharged engine is applied, featuring strong power and low fuel consumption.
- The distribution vanes are made of wear-resistant alloy.
- The control console can visually display all working functions and paving/traveling speeds and can be installed on either left or right side.
- The machine boasts the advantages of high automation level, simple and easy operations, good construction quality, and high working efficiency.
- 行驶左右独立驱动，微电脑控制，摊铺速度恒速自动控制技术。
- 左右输分料采用超声波传感控制技术。
- 找平系统采用电子自动找平技术，有效提高路面的平整度。
- 液压伸缩熨平板采用单振捣和电加热技术，环保并提高熨平板底板寿命。
- 集中润滑系统可定期手动均匀地向各高温部位的轴承供油。
- 标配先进成熟可靠的上柴新一代四气门SC7H水冷增压发动机，功率强劲，燃油率低。
- 分料叶片采用高耐磨合金材料。
- 操纵台能直观地显示各种工作功能、摊铺、行驶速度，并可左右安装。
- 整机自动化程度高，操作简单方便，施工质量好，作业效率高等优点。

