



RP603

PAVER

摊铺机

RP603 paver can be applied in the construction work of highway asphalt pavement of various grades for paving different types and gradations of asphalt concrete materials. Due to electric heating hydraulic telescopic screed, it is especially suitable for urban construction, municipal maintenance and other projects. The machine incorporates full hydraulic drive and micro-computer control, realizing automatic control of material level and leveling. High level of automation in combination with the new generation ergonomic operation platform, providing more simple, faster operation experience.

RP603型摊铺机主要用于各等级公路沥青面层的施工作业，可适应不同类型和级配的沥青混凝土材料，得益于电加热液压伸缩式熨平板，特别适合于城镇建设、市政养护等工程。该机采用全液压驱动，微电脑控制，可实现料位和找平的自动控制。整机自动化水平高，结合新一代符合人机工程学的操作平台，使操控更简单，使用更快捷。

Performance Characteristics / 性能特点

- Europe Tier-III Dongfeng Cummins turbocharged diesel engine, high power reserve and energy-saving effect; The application of centralized cooling technology and the three-in-one integrated radiator, centralized cooling the water, hydraulic oil and air, combined with large diameter, low speed, direct-drive cooling fan, effectively ensure the continuous efficient and stable work of the power system.
- The control mode is upgraded to mature CAN communication, intelligent paving management function allowing real-time monitoring and automatic fault diagnosis of the whole vehicle.
- The walking control utilizes the technology of constant speed automatic control to avoid the paving speed affected by load.
- Ultrasonic automatic control technology is adopted to control the material level. The material level can be controlled stably and the auger speed can be adjusted continuously.
- Digital automatic leveling technology ensures high evenness, fulfilling the requirements of high-grade road construction.
- The control console can slide freely in the width direction of direction for easy operation.
- Providing operator with an accessible view of the critical areas such as hoppers, chute and working devices.
- The optional rotatable seat provides the operator with a clear view of the key areas such as the hopper, the chute and the working device.
- Electric heating adopts high-power generator, and optimized heating bar structure and wiring mode, faster heating speed, higher reliability.
- 配置东风康明斯欧Ⅲ排放，涡轮增压型柴油机，功率储备充足，节能效果显著；采用集中式散热技术，通过三合一集成散热器，对水、液压油和空气进行集中散热，结合大直径、低转速、直驱式散热风扇，有力地保证了动力系统的持续高效、稳定工作。
- 控制模式升级为成熟的CAN通讯，强化智能摊铺作业管理功能，对整车全功能进行实时监控和故障自动诊断。
- 行走控制采用速度恒速自动控制技术，保证了摊铺速度不受负载影响。
- 分料料位采用超声波自动控制技术，料位高度可稳定控制，分料转速可无级调节。
- 数字式自动找平技术，保证了较高的平整度，能够满足高等级道路施工要求。
- 操控台在整个机身宽度方向可自由滑动，并多角度旋转，方便操作。
- 为机手提供了相对于料斗、料槽及工作装置等关键区域的无障碍视野。
- 采用可选转式座椅，为机手提供了相对于料斗、料槽及工作装置等关键区域的无障碍视野。
- 电加热采用大功率发电机，并优化的加热棒结构及接线方式，加热速度更快，可靠性更高。



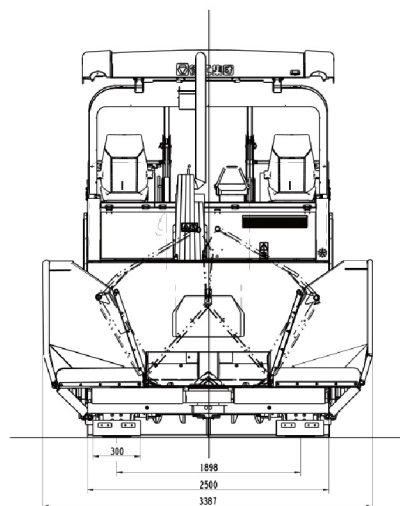
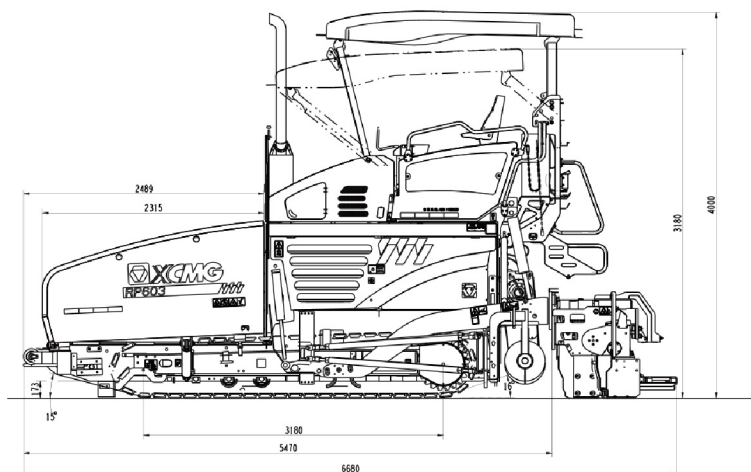
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摊铺机

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	400
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	600
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	129
Diesel engine speed	柴油机转速	r/min	2200
Material distribution speed	分料转速	r/min	0~58
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