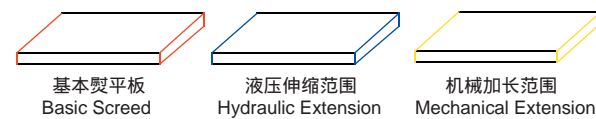
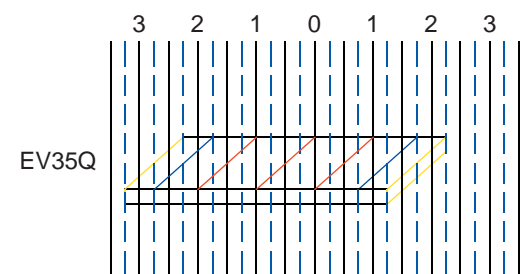

外形尺寸 Overall Dimensions
主要技术参数 Main Technical Specifications

项目	Item	单位 Unit	参数
基本摊铺宽度	Basic Paving Width	m	2.0
最大摊铺宽度	Max Paving Width	m	4.5
最大摊铺厚度	Max Paving Thickness	mm	150
摊铺工作速度	Paving Speed	m/min	0~13
行驶速度	Travel Speed	km/h	0~13
理论生产率	Theoretical Productivity Capacity	t/h	240
料斗容量	Hopper Capacity	t	12
爬坡能力	Gradeability	%	20
平整度	Pavement Evenness	mm/3m	3
横坡误差	Transverse Leveling Accuracy	%	±0.03
拱度调节范围	Centre Crown Ratio	%	0~+3
柴油机型号	Engine Model		YC4D95Z-T21
柴油机功率	Engine Power	kw	70
柴油机转速	Engine Speed	r/min	2200
柴油箱容量	Diesel Tank Capacity	L	130
整机重量	Machine Weight	t	10.5
外形尺寸	Overall Dimensions	mm	5690X2070X3590
分料转速	Auger Speed	r/min	0~73
输料速度	Conveyor Speed	m/min	0~30
振动频率	Tamper Vibration Frequency	Hz	6~42
熨平板加热方式	Screed Heating		Gas Heating 气加热
输分料料位控制方式	Auger and Conveyor Control	Automatic Control by Ultrasonic Sensors 超声波传感自动控制	
自动找平控制方式	Automatic Leveling Control	Simulation Control 模拟式	

熨平板配置及示意图 Screed Configuration

熨平板型号	类型	延伸方式	宽度范围	振动频率
EV35Q	气加热、振动	液压伸缩	2.0-4.5m	6-42Hz

RP452L/EV35Q熨平板连接图


本产品随技术进步将不断改进，如有修改，恕不另行通知。
 样本图片与实物不符的，以实物为准。
 Under our policy of continuous product development and improvement,
 we reserve the right to change specifications and design without prior notice.

RP452L 沥青混凝土摊铺机

Asphalt Concrete Paver

产品简介 Synopsis

RP452L 型摊铺机是国内推出的首台全液压小型轮胎式沥青混凝土摊铺机。整机采用全液压驱动和电液自动控制, 技术先进, 性能可靠; 整机最小宽度仅为 2 米, 在国内同类产品中最小, 机动灵活, 适用范围广; 后四轮驱动技术, 有效提高整机的驱动力; 人性化的设计使产品的使用和维护简单方便, 产品具有较高的性价比。

RP452L 摊铺机可广泛应用于市政道路建设、城市小区道路建设、通乡达村道路建设、高速公路及各等级公路维修作业, 能有效提高作业路面的平整度、密实度。

RP452L is a fully hydraulic light-duty asphalt concrete wheeled paver, which is fully upgraded. It features fully hydraulic drive and electric-hydraulic automatic control for excellent performance and high reliability. The machine, with a minimum width of 2m (the smallest among the products of its kind), offers great mobility and unrivalled flexibility for a wide range of applications. Four wheel drive technology is employed for enhanced driving force. RP452L is designed with ergonomics in mind for easy and convenient operation and maintenance and high cost-performance ratio.

RP452L is widely used in the construction and maintaining of roads of different grades, such as the municipal roads, city community roads, rural roads, and highways etc.. And it can deliver more uniform and even paving performance.

技术特点 Technical features

可靠的传动系统 The reliability drives system

- 国内首台全液压驱动的小型轮胎沥青混凝土摊铺机
- 行走、输料等工作系统均采用液压传动, 承载能力强, 传动效率高, 控制方便。
- 柱塞泵、马达均选用美国 Sauer 公司产品, 控制阀、钢管、接头、滤油器等所有元件均优选国内外知名公司产品, 以保证产品可靠性。
- The machine is a fully hydraulic light-duty asphalt concrete wheeled paver
- Hydraulically driven travel and material transport and distribution system feature high load-carrying capacity, high transmission efficiency and easy control.
- The adoption of internationally and domestically famous-brand components including control valves, steel pipes, joints, oil filter and Saucer piston pumps and motors ensures maximum reliability.



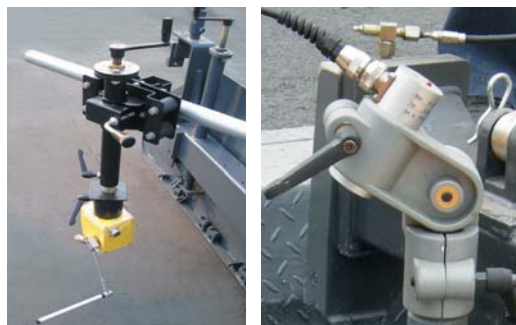
高效的输分料系统 Highly efficient material transportation and distribution system

- 输分料左右独立, 可分别控制。
- 单边链条采用独特的单链条双刮板形式, 有效提高整机物料的输送能力。
- 分料箱中间增加设计反向叶片, 可有效增加分料箱下部的物料供给, 防止中间离析带的产生。
- The left and right auger can be operated independently.
- The conveyor with unique single-chain and dual scraper for enhanced material transport capacity.
- On both sides of the auger box are two auger blades that convey paving materials in opposite direction for increased material feeding under the auger box and reduced segregation in the middle of the paving width.



精确的控制系统 High precision control system

- 采用机电液一体化控制技术, 自动化程度、控制精度、可靠性高。
- 左右输分料装置采用超声波料位仪控制, 实现自动均匀供料。
- 标准配置两纵坡电子自动找平仪, 保证摊铺路面更高的平整度。
- Advanced mechanical-electrical-hydraulic integration technology is employed for high degree of automation, precision control and high reliability.
- The right and left augers with ultrasonic material level sensors for precise control offer automatic and even material feeding.
- Electronic levelling system is available as standard equipment for more even surface.



先进的熨平板技术 Advanced screed technology

- 液压无级伸缩, 适用于变宽道路作业工况。
- 独特的框架设计, 熨平板整体刚度好。
- 无级可调振动频率, 满足不同的作业工况需求。
- 快速燃气加热设计, 喷嘴带安全开关, 加热迅速安全。
- Hydraulically extendable screed enables the machine to deliver increased working width.
- Unique screed frame design is employed for high rigidity.
- Infinitely variable vibration frequency to meet the requirements of different operating conditions.
- Fast gas heating system and the nozzle with security switch offers fast and safe heating performance.



强劲的动力系统 Strong power system

- 玉柴 YC4D95Z 发动机, 功率达 70KW, 功率储备大。
- 复合散热器, 有效降低柴油机及液压系统作业温度, 保证整机长时间可靠工作。
- Equipped with Yuchai YC4D diesel engine which delivers 70KW and large torque reserve.
- The compound radiator reduces the operating temperature for the diesel engine and the hydraulic system for high reliability and long operation hours.



性能优势 Features advantages

机身小巧、操纵灵活 Small in size for flexible operation

- 机身最小宽度仅为 2 米, 即便狭窄的小区道路也可自由进出和施工。
- 可选配料斗单边折翻, 推轮可随料斗同步折翻, 提高机器的通过能力。
- 集中控制操纵台, 操作简单方便; 组合式仪表, 整机工作状态一目了然。
- The minimum machine width of merely 2m enables it to offer excellent adaptability for various applications such as operation in confined and narrow community street.
- The foldable hopper wings are available as an option and the push roller bar can also be folded with the hopper wings to improve the machine's passing ability.
- All the switches and sight gauges are grouped in the operator console for easy and convenient operation. And the integrated instruments allow for real-time monitoring of the machine condition.



性能卓越、适应性广 Features advantages, Wide range of applications

- 转场及摊铺速度快, 适用于市政道路、县乡公路的建设以及高速公路和各等级公路的维修作业。
- 机身最小摊铺宽度小, 适用于城市小区道路、景点景观道路的铺设。
- 配置液压伸缩熨平板, 可用于变宽道路的摊铺作业。
- 采用后四轮驱动, 与地面附着着力大, 能适应各种路面工况的铺设。
- 宽大的料斗, 适合各种自卸车辆, 料斗储存能力达到 12t, 保证机器连续摊铺。
- RP452L features fast paving speed and is easy to be transferred from site to site. It is widely used in the construction and maintaining of roads of different grades, such as the municipal roads, city community roads, rural roads and highways etc..
- The machine, with its small minimum paving width, is suitable for applications such as the paving of city community roads and scenery spot roads.
- Hydraulically extendable screed enables the machine to deliver increased working width.
- Four wheel drive increases the machine's ground adhesive force for various paving applications.
- The material hopper with high load capacity of up to 12t provides perfect match to various dump trucks and ensures continuous paving.

