



RP453L

PAVER

摊铺机

RP453L paver is a hydraulic-driven small wheeled paver with <5m paving width. It's especially suitable for the constructions with specific construction quality requirements, including small roads, urban road construction, and classified highway maintenance, and can meet the constructions under narrow working conditions, including sidewalks, auxiliary lanes, non-motorized vehicle lanes, and ditches.

RP453L摊铺机属于摊铺宽度小于5m的小型轮式摊铺机，采用液压驱动。特别适用于对施工质量有一定要求的小型道路、城乡道路建设、等级公路养护等工程，同时满足人行道、辅道、自行车道、沟槽等狭小工况的施工作业。

Performance Characteristics / 性能特点

- The miniaturized machine with 1.8m subminiature overall width meets the construction needs of downtown communities and lanes.
- The hydraulic drive and the continuously variable speed regulation feature high automation level, high mobility, and simple and easy operations.
- The installed Shangchai water-cooled and turbocharged diesel engine (73.5kW/2000rpm) features abundant power reserve, good diesel atomization, good economy, low noise, long life, and extensive application scope.
- The load-sensing control technology is applied for the hydraulic system to achieve high efficiency and energy-saving of power output. The drive units adopt originally imported German Rexroth products to guarantee system reliability.
- The spacious design of 12t hopper can always store sufficient material. The feeding interface can adapt to the material lorries of diversified tonnages.
- The electronic control system is designed on the basis of CAN bus technology to develop the network control system of multi-CPU control technology and excellent human-machine interfaces.
- The automatic leveling device is applied to accurately control the paving thickness and gradient and meet the specification requirements of high-grade highways, with the longitudinal evenness controlled at 3mm/3m and the lateral gradient controlled within 0.02%.
- The machine boasts the advantages of high automation level, simple and easy operations, good construction quality, and high working efficiency.
- 机器小型化，1.8m超小型整机宽度，满足了城镇小区和巷道的施工作业。采用液压驱动，无级变速，自动化程度高，机动灵活，操作简单方便。
- 配置上柴水冷涡轮增压型柴油机（73.5kW/2000rpm），功率储备充足，柴油雾化好，经济性好，噪音低、寿命长、适用范围广。
- 液压系统采用了负载敏感控制技术，使动力输出高效、节能。驱动元件采用原装进口，保证了系统可靠性。
- 12t的料斗设计宽大，能够始终储存足够的材料。受料接口能够适应不同吨位的料车。
- 两侧料斗能分别单独折叠，摆动式随动推轮，确保非对称摊铺时，稳定卸料。
- 行走系统采用液压桥驱传动，无级变速，自动化程度高，机动灵活，操作简单方便。驱动桥采用徐工专有技术，自动差速。
- 创新设计的E340小型液压伸缩熨平板，采用三点悬挂式结构，单振捣压实装置，提高了施工稳定性和路面成型质量。
- 整机具有自动化程度高，操作简单方便，施工质量好，作业效率高的优点。



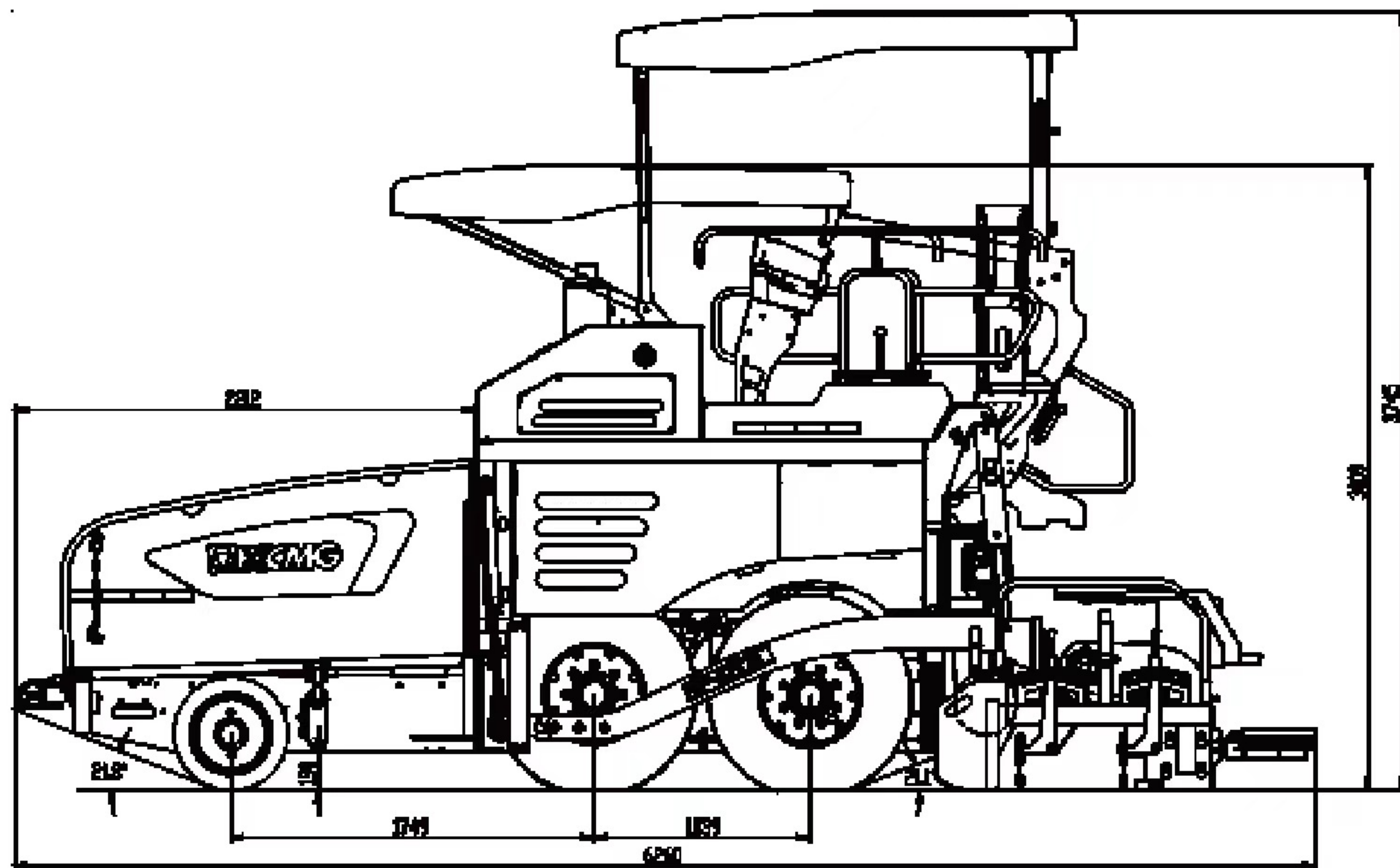
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Main Dimensions

主要尺寸



Main Specifications

主要技术参数

	Item	项目	单位 Unit	RP453L
Technical parameter 技术参数	Basic paving width	基本摊铺宽度	m	1.8
	Maximum paving width	最大摊铺宽度	m	4.5
	Maximum paving thickness	最大摊铺厚度	mm	260
	Paving speed	摊铺速度	m/min	0~20
	Traveling speed	行驶速度	km/h	0~20
	Hopper capacity	料斗容量	t	12
	Theoretic productivity	理论生产率	t/h	240
	Gradeability (Paving gear)	爬坡能力（摊铺档）	%	≥20
	Longitudinal evenness	纵向平整度	mm/3m	≤3
	Lateral gradient error	横坡误差	%	±0.02
	Compacting non-uniformity	密实不均匀率	%	≤5
Engine 发动机	Diesel engine model	发动机型号	/	上柴/SC4H
	Rated power/speed	额定功率/转速	kW/r/min	73.5/2000
Screed 熨平板	Tamper speed	振捣转速	r/min	0~1500
	Tamper travel	振捣行程	mm	4
	Arch adjustment	拱度调节	%	-1~3
Masses 重量	Overall mass	整机质量	t	11
	Maximum working mass	最大工作状态质量	t	11.9