PR905S



RP905S

Paver

RP905S paver is a construction machine mainly used for the paving of surface material on various classified highways. The machine fully absorbs the advanced technologies and advantages of similar international products. It adopts the most advanced technologies in the world today, such as full hydraulic drive, microcomputer control, left and right independent drive, material level sensing control, electronic automatic leveling, vibratory compaction, variable-frequency electric heating, etc. It has the advantages of good paving stability, uniform material supply, high precompaction density, good leveling, comfortable operation, convenient maintenance, energy conservation and environmental protection. All the components of the machine are internationally selected components, strictly tested and reasonably combined, which makes the manufacturing quality and reliability of the whole machine reach the international advanced level, and is the first choice of road construction equipment.

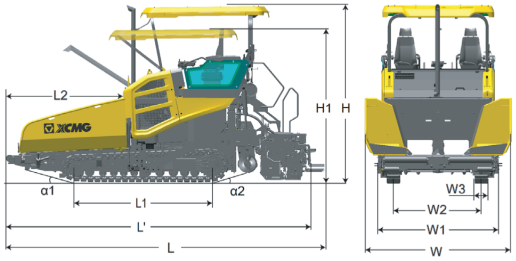
Performance and characteristics

- The left and right driving devices run separately, the microcomputer control is adopted and the constant-speed automatic control technology is utilized to control the paving speed.
- The mature and reliable DCEC QSB6.7 diesel engine is installed, with the strong power output up to 158kW.
- The three-in-one compound radiator is adopted and the fan speed is adjusted automatically with the water temperature to ensure that the machine can work continuously for long time at a high temperature of 50℃.
- Four sets of full hydraulic systems that run separately are adopted for the conveying and distributing; the material pad control technology (or ultrasonic) is adopted for conveying, and the ultrasonic sensing control technology is adopted for distributing; the material level is controlled automatically to ensure stable material level in the chute.
- The distributing device can move up and down conveniently, with wide adjustment range to adapt to the different paving thicknesses and reduce the segregation.
- The distributing blade is made of high wear-resistant alloy material, and the conveying baseplate and screed baseplate are made of high wear-resistant steel plate to effectively extend the service life of the machine and reduce the maintenance cost.
- The whole machine is equipped with a hydraulic telescopic screed supported on four positions, as well as single vibration, eccentric vibration, hydraulic arch adjustment (if equipped) and variable-frequency electric heating etc.
- The console is equipped with a large liquid crystal display screen to display various operating parameters directly, and the display screen can be moved to the left or right for the convenience of control.
- The hopper is equipped with a hydraulic flap on its front end to control the material spilling effective and reduce the labor intensity.
- The central lubrication system is equipped to supply even lubricating oil automatically to various high-temperature positions.
- The automation degree is high, the operation is simple and convenient, the construction quality is good and the working efficiency is high.

Main dimensions

Unit: mm

Model	L	L'	L1	L2	α1	α2	H	H1	W	W1	W2	W3
RP905S	7282	6982	3164	2695	10	15	3928	3080	3288	2550/3000	1970	300



Main specifications

Content	Unit	E2550ATV/E3060ATV
Basic paving width	m	2.5～5/3.0～6
Maximum paving width	m	8.0/9.0
Maximum paving thickness	mm	450
Maximum operating speed	m/min	25
Maximum traveling speed	km/h	4
Theoretical productivity	t/h	900
Hopper capacity	t	15
Gradeability	%	20
Flatness (standard deviation)[1]	mm	1.2
Cross slope error	%	±0.2
Arch adjustment range	%	-1.5～+4.5
Diesel engine model	/	QSB6.7
Rated power of diesel engine	kW	158
Rated speed of diesel engine	r/min	2000
Distributing speed	r/min	0～110
Conveying speed	m/min	0～34
Vibrating speed	r/min	0～1800
Vibrating amplitude	mm	4
Vibration frequency	Hz	0～50
Overall weight	t	22.5-24.8/22.8-25.2
Transportation outline dimensions	mm	6982X2550X3080/6982X3000X3080
Diesel tank capacity	L	240
Hydraulic oil tank capacity	L	260
Heating mode of screed	/	Electric heating
Heating generator power	kW	40(Variable frequency)
Control mode of conveying level	/	Angle sensing integrated automatic control
Control mode of distributing level	/	Ultrasonic sensing automatic control
Control mode of automatic leveling	/	Two-longitudinal & one-transverse levelling device

[1] Flatness (standard deviation), not merely depends on the paver itself.

Notes:
Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.

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