

RP905i



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Paver

RP905i 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.

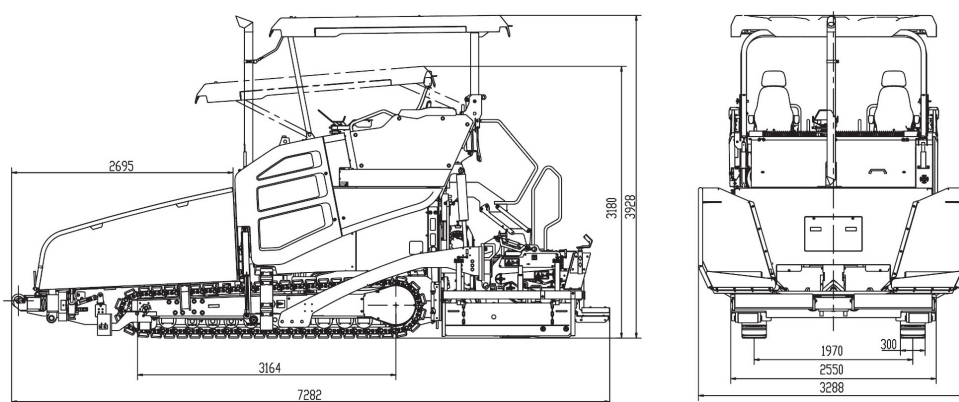


XCMG ROAD MACHINERY BUSINESS UNIT

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 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 °C.
- 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 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.
- It is equipped with large-opening hood and telescopic operator shed for the convenience of maintenance and providing more protection for the operator.

Main dimensions



Main specifications

Item	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)**	mm	1.2	
Cross slope error	%	±0.2	
Arch adjustment range	%	-1.5~+4.5	
Diesel engine model	/	B6.7	
Rated power of diesel engine	kW	173	
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	22.5~23.8	22.8~24.5
Transportation outline dimensions	mm	6982×2550×3080	6982×3000×3080
Diesel tank capacity	L	240	
Hydraulic oil tank capacity	L	260	
Heating mode of screed	/	Electric heating	
Heating generator power	kW	40	
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	