

RP1255T



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PAVER

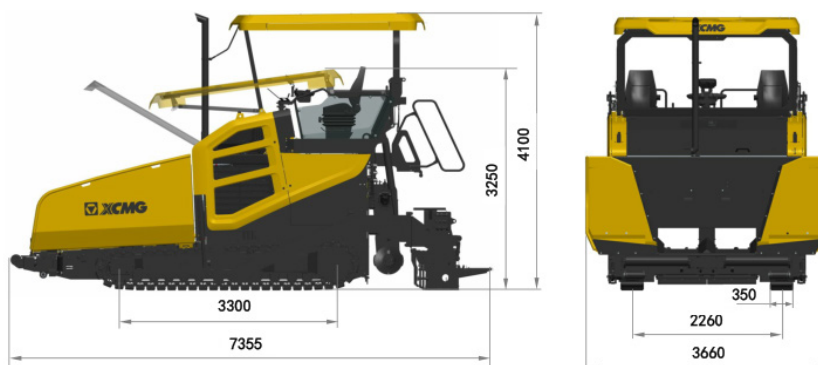
With reliable quality and excellent operating performance, RP1255T paver can be widely used in the paving operation of various grades of highway surface materials, and is especially suitable for the construction needs of large width and large thickness. The machine adopts the most advanced technologies in the world, such as full hydraulic drive, micro-computer control, left and right independent drive, ultrasonic material level sensing control, electronic automatic leveling, dual tamper compaction, variable frequency heating, etc. It has the advantages of good paving stability, uniform feeding, high pre-compaction density, good evenness, comfortable operation, convenient maintenance, energy efficiency and environmental protection, etc. The key components of this machine are equipped with high-reliability elements, ensuring that the overall manufacturing quality and reliability reach the level of internationally renowned products. It is an ideal device for paving asphalt surface layers and base concrete materials.

Performance and characteristics

- Market proven and reliable Cummins QSL8.9 diesel engine provides up to 242kW power. The engine operates at a rated speed of 1800r/min and features an economic speed mode for energy-saving and noise-reducing effects.
- The machine is independently driven on both sides, with microcomputer control. The paving speed is governed by constant-speed automatic control technology, utilizing closed-loop control, resulting in excellent straight-line performance.
- Three-in-one powerful composite radiator is adopted to ensure the continuous work under the high temperature of 45 °C for extended periods. The fan speed automatically adjusts steplessly according to the water temperature and hydraulic oil temperature, ensuring energy efficiency and noise reduction.
- Conveyor and auger are driven by four sets of independent full hydraulic system. Conveyor uses paddle control, auger uses ultrasonic sensing control. Automatic control of material level ensures the uniformity and stability of material level in the tunnel.

Appearance and Dimensions

Unit: mm



Main specifications

Item	Unit	Performance parameter (For E2550ATV)
Basic Paving Width	m	3.0
Maximum Paving Width	m	12.5
Maximum Layer Thickness	mm	550
Maximum Operating Weight	m/min	25
Maximum Propelling Speed	km/h	4.0
Maximum Laydown Rate	t/h	1300
Hopper Capacity	t	16
Gradeability		20
Evenness (3m feet)	mm	≤1.2
Slope Deviation	%	±0.2
Crown Adjustment Range	%	-1 - +3
Diesel Engine Model	/	QSL8.9C325
Diesel Engine Power	kW	242
Diesel Engine Speed	r/min	1800
Auger Speed	r/min	0 - 115
Conveyor Speed	m/min	0 - 37
Tamper Speed	r/min	300 - 1500
Tamper Amplitude	mm	Main 4.8; Auxiliary 0, 3, 6, 9, 12
Vibration Frequency	Hz	0 - 55
Machine Weight	t	28.5 - 43.4
Overall Dimensions	mm	7355×3210×4100
Diesel Tank Capacity	L	420
Hydraulic Oil Tank Capacity	L	300
Screed Heating Method	/	Electric Heating
Power of Heating Generator	kW	60kW@3000rpm
Conveyor Level Control Method	/	Integrated Automatic Control with Angle Sensor
Auger Level Control Method	/	Automatic Ultrasonic Sensing Control
Automatic Leveling Control Method	/	Digital Slope Leveling Device

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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