RP705C



RP705C

Paver

RP705C paver is a kind of construction equipment mainly used for the paving work of various grades of highway surface materials. The machine fully absorb the international advanced technology and advantages of similar products, applying full hydraulic drive, microcomputer control, independent drive, material level sensor control, electronic automatic leveling, tamper compaction, electric heating. It combines the advantages of good working stability, uniform feeding and distributing, high precompaction density, high evenness, comfortable operation, convenient maintenance, energy saving and environmental protection and so on. By selecting, testing and reasonable matching of international preferred components, the manufacturing quality and reliability of the machine is among the international leading level.

E1834T

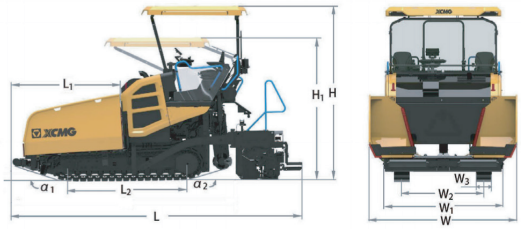
RP705C
Paver

Performance and characteristics

- The technologies such as left and right independent propel drive, microcomputer control, constant-speed automatic control technology for paving speed, are applied.
- Using the three-in-one powerful composite radiator, ensure the continuous work for a long time under the high temperature of 50℃.
- Four sets of independent full hydraulic systems are used for material conveying and distribution.
- Auger height can be easily adjusted to adapt to different paving thickness and reduce segregation.
- The auger wings are made of highly wear-resistant alloy and the base plates of conveyor and screed are made of wear-resistant steel plates to effectively prolong the life of machine, reduce maintenance cost.
- The machine is equipped with E2550AT hydraulic telescopic screed with four support cylinder, single tamper and electric heating.
- Central lubrication system automatically supplies oil uniformly to the bearings at all high temperature portions.
- Large-opening hood and telescopic canopy, etc. are convenient for maintenance and provide more protection for the machine operator.

Main dimensions

Model	L	L1	L2	α1	α2	H	H1	W	W1	W2	W3
RP705C	6500	2570	2706	12	15	3850	2930	3220	2550/3000	1856	300



Main specifications

Item	Unit	Value
Basic paving width	m	2.5-5
	m	3.0~6
Maximum paving width	m	7.5
Layer thickness	mm	300
Maximum paving speed	m/min	21
Maximum driving speed	km/h	3
Maximum laydown rate	t/h	600
Hopper capacity	t	13
Gradeability	%	20
Paving evenness(tolerance)**	mm	1.2
Slope deviation	%	±0.3
Crown adjustment range	%	-1.5～+4.5
Diesel engine model	QSB4.5	QSB4.5
Rated power of diesel engine	kW	119
Rated speed of diesel engine	r/min	2200
Auger speed	r/min	0～100
Conveyor speed	m/min	0～22
Tamper speed	r/min	0～1800
Tamper amplitude	mm	4
Machine weight	t	18.7～20.5
	t	19.2～20.5
Overall dimensions L×B×H	mm	6500×2500×3850
Shipping dimensions(L× B×H)	mm	6300×2550×2930
	mm	6300×3000×2930
Diesel tank capacity	L	230
Hydraulic oil tank capacity	L	150
Screed heating method	/	Electric heating
Power of heating generator	kW	35
Conveyor level control method	/	Integrated automatic control with angle sensor
Auger level control method	/	Automatic ultrasonic sensing control
Automatic leveling control method	/	Analog two grade sensors

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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