



All Rights Reserved

Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.
See your XCMG dealer for available options.

"XCMG", "WWW.XCMG.COM", "XCMG For Your Success",
as well as the corporate and product identity used herein,
are trademarks of XCMG and may not be used without permission.



RP452L

Paver

www.xcmg.com

XCMG Regional Departments:

Europe	(+86-516) 87739238 87739271 87739228	Central Asia	(+86-516) 87739218 87739239 87739510
West Asia & North Africa	(+86-516) 87739251 87739202 87739223	North America	(+86-516) 87739285 87739551 87739713
Asia-Pacific	(+86-516) 87739500 87739529 87739233	South America	(+86-516) 87739196 87739714 87739187
Africa	(+86-516) 87739501 87739222 87739709		

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

Add: No.1, Tuolanshan Road, Xuzhou Economic Developing Zone, Jiangsu, China 221004

Fax: (+86-516) 87739230

E-mail: export@xcmg.com



RP452L

PAVER

Overview

- RP452L asphalt concrete paver is a kind of minimum all-hydraulic wheeled paving machinery in China that applies rear four-wheel drive technology and electric-hydraulic proportional stepless speed regulation to level automatically and to convey and distribute materials automatically. It uses gas-heating hydraulic telescopic screed with maximum paving width up to 4.5m. Featuring high cost performance and excellent mobility, it is the ideal construction equipment for highways of different grades and is especially suitable for construction of residences in cities and towns and municipal road engineering as well as rural road network construction and maintenance.

Executive Laws, Rules, Safety Standards and Product Standards

- It is required to strictly observe laws and regulations such as Standardization Law, Product Quality Law, Meteorological Law, Management Methods for Standardization Review of Electromechanical New Products, Management Methods for Enterprise Standardization, Environmental Protection Methods, etc.

- The product shall execute and conform to following standards:

GB/T 16277-2008 Asphalt Concrete Paver

GB/T 26504-2011 Mobile Road Construction Machinery- General Safety Requirements

GB/T 26505-2011 Mobile Road Construction Machinery-Safety Requirements for Pavers

Main Performance Characteristics

- The small-sized machine with 2m ultra-small overall width and minimum paving width of 2m is able to satisfy construction operations of residences and lanes in cities and towns.
- All-hydraulic four-wheel drive, stepless speed change and high degree of automation bring about flexible mobility and easy operation.
- SDEC SC4H100G3 water-cooling turbocharged diesel engine with power of 73.5kW is equipped, of which emission is up to China III emission standard. The engine with large power reserve and wide scope of applicable is able to meet construction requirements in most areas in China.
- The gas-heating hydraulic telescopic screed featuring stepless adjustable vibration frequency and stepless adjustable paving width from 2m to 4.5m facilitates construction in curves and broadening roads in municipal works.
- Material conveying scraper and material distributor are separated left and right. Material conveying and distributing positions are under automatic control of the material position sensor to ensure the materials are uniformly and constantly conveyed.
- The control console applies modular design of function divisions, which is artistic and elegant and easy to repair; with use of the control technology for master switch electrical system, a switch may control working of all machines, including automatic leveling system, which is easy in operation and effectively improves flatness.
- The automatic leveling device is used that is able to control paving thickness and gradient automatically and accurately and make longitudinal flatness 3mm/3m and horizontal gradient within the scope of 0.02% in order to meet the requirement for high-grade highways.
- Wet multi-disc brake is used for service brake and parking brake to make the entire machine safe and reliable.

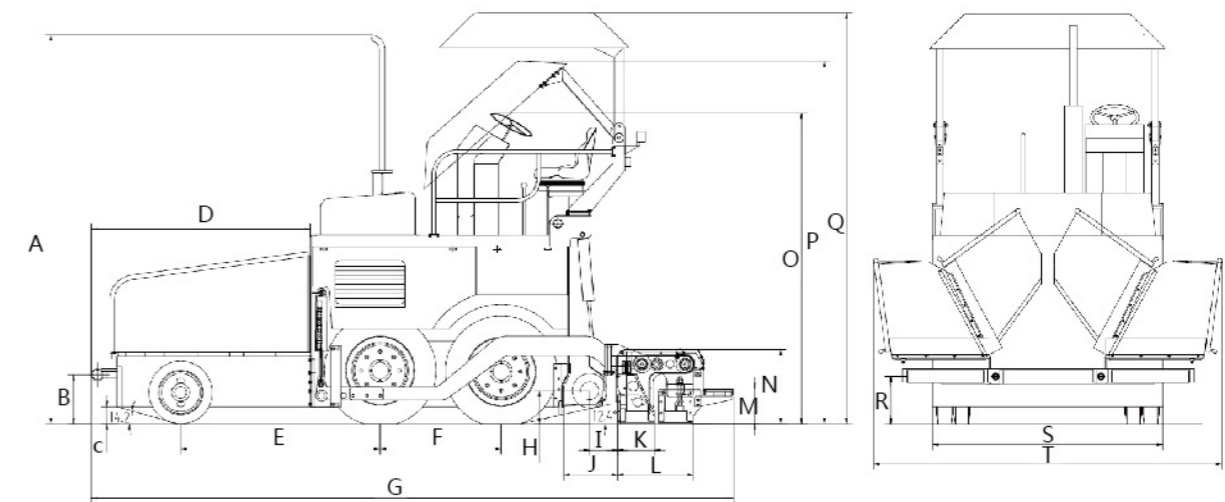
- The material distributing blade applies highly wear-resistant Cr-Ni material to prolong service life.
- Imported hydraulic and electrical elements of renowned brands are used to ensure overall working reliability and facilitate repair of the machine.
- The entire machine has such merits as high degree of automation, easy and simple operation, good construction quality and high operation efficiency.

Main Technical Parameters

Table of Technical Parameters of RP452L Asphalt Concrete Paver

Item	Performance Parameters	Unit	Remarks
Basic paving width	2.0	m	
Maximum paving width	4.5	m	
Maximum paving thickness	150	mm	
Working speed	0~13	m/min	
Running speed	0~13	km/h	
Theoretical productivity	240	t/h	
Bucket capacity	12	t	
Gradeability	20	%	Paving gear
Flatness	3	mm/3m	
Camber adjustable range	0~+3	%	
Power of diesel engine	73.5	kW	
Speed of diesel engine	2200	r/min	
Material conveying speed	0~30	m/min	
Material distributing speed	0~73	r/min	National III
Vibration frequency	6~42	Hz	
Outside dimensions	5690×2070×3590	mm	
Overall weight	11.5	t	
Volume of diesel tank	130	L	
Volume of hydraulic oil tank	170	L	

Appearance and External Dimension



Shipping Dimensions(mm)	A	B	C	D	E	F	G	H	I	J
RP452L	3400	430	150	1901	1738	1055	5670	290	242	465

Shipping Dimensions(mm)	K	L	M	N	O	P	Q	R	S	T
RP452L	323	659	308	650	2720	3250	3590	430	2000	3033