

RP705



RP705

Paver

RP705 is a medium-sized full hydraulic tracked paver perfectly equipped with new intelligent control system and user-friendly HMI. The standard E500B four-support hydraulic screed has basic paving width ranging from 2.5m to 5.0m. This screed works with tamperers and vibrators, hydraulic crown adjustment, hydraulic height adjustment (option). The machine is mainly used for paving asphalt concrete surface course of newly constructed pavement, as well as road maintenance. The whole machine has compact structure, excellent visibility and high operating comfort, which is the ideal construction equipment for municipal road construction and high-grade road maintenance.

Performance and characteristics

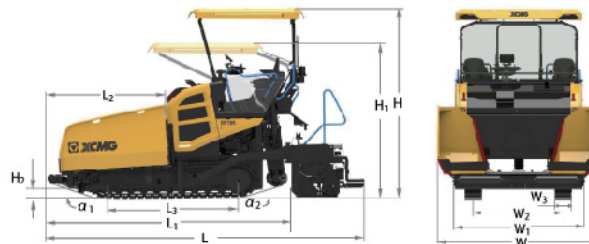
- XCMG upgraded intelligent control system, 10.1 inch display, user-friendly human-machine interaction and wireless control. Ergonomic control panel, functional partition design, easy to identify.
- EC Stage IIIA engine with ECO multiple output modes.
- Pressurized hydraulic oil tank applied patented defoaming technology saves space and 50% oil replacement cost.
- Feeding system with hydraulic front apron function, independent left and right hopper wing control, enhancing the construction convenience.
- The auger system can be hydraulically lifted as a whole, with one-key override, to meet the construction requirements of different

- paving thicknesses.
- Standard automatic centralized lubrication system, accurate filling of the high temperature parts, improve the reliability of the machine.
- New generation of compact four-support screed, optional hydraulic height adjustment, hydraulic crown adjustment, quick connection extensions, side skirt turn over, side skirt heating, greatly enhancing the adjustment convenience of construction.
- New generation intelligent frequency conversion heating system, equipped with high power heating bar, heating efficiency increased by 30%.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	W	W1	W2	W3	H	H1	H2	$\alpha 1$	$\alpha 2$
RP705	6276	4770	2424	2688	3220	2550	1856	300	3754	2948	170	18°	15°



Main specifications

Item	Content	Unit	RP705
Basic parameters	Basic paving width	mm	2500 ~ 5000
	Max. paving width (Options)	mm	6000 ~ 7500
	Max. pave thickness	mm	300
	Max. paving speed	m/min	24
	Max. drive speed	km/h	4
	Maximum theoretical productivity	t/h	600
	Max. gradeability	%	20
Engine	Manufacturer	-	Cummins
	Model	-	QSB4.5
	Emission	-	EC Stage III
	Fuel	-	Diesel
	Rated power	kW	119
	Rated speed	rpm	2200
Crawler	Grounding length	mm	2700
	Track width	mm	300
Conveyor	Hopper capacity	t	13
	Scraper numbers	-	2
	Scraper speed(maximum)	m/min	21
Auger	Speed(maximum)	rpm	95
	Diameter	mm	360
Electrical system	Battery voltage	V	24
Weight	Tractor weight	t	14
	Operating weight	t	17.5
	Total weight	t	19
Noise	Sound pressure level LPA at the operator ears	dB(A)	84
	Emitted sound level	dB(A)	105
Main configuration	1. Cummins EC Stage III engine with 119kW; 2. E500B four support hydraulic extending screed(electric heating, single tamper, eccentric vibration); 3. Upgraded intelligent control system; 4. MOBA leveling instrument/material level instrument; 5. Automatic centralized lubrication; 6. Electric arm extender pin; 7. Spraying device.		
Options	1. E500 bolt-on extensions: 2x0.75m+2x0.5m, maximum paving width 7.5m; 2. E500 bolt-on extensions: 2x0.75m, maximum paving width 6.5m; 3. E500 bolt-on extensions: 2x0.5m, maximum paving width 6.0m; 4. Hydraulic quick-connect device; 5. Side skirt heating; 6. Side skirt overturning; 7. Hydraulic height adjustment.		