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 E2550ATV four-support hydraulic screed has basic paving width ranging from 2.5m to 5.0m. This screed works with tampers and vibrators, hydraulic crown adjustment, hydraulic height adjustment. 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.

RP705 Paver

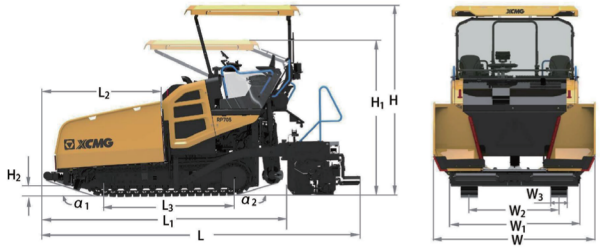
Performance and characteristics

- 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 III 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	α1	α2
RP705	6335	4770	2330	2706	3220	2550	1856	300	3850	2930	170	18°	15°



Main specifications

Item	Unit	Value
Basic paving width	m	2.5-5
Max. paving width	m	7.5
Max. pave thickness	mm	300
Max. paving speed	m/min	23
Max. drive speed	km/h	4
Maximum theoretical productivity	t/h	600
Max. gradeability	%	20
Manufacturer	-	Cummins
Model	-	QSB4.5
Emission	-	EC Stage III
Fuel	-	Diesel
Rated power	kW	119
Rated speed	rpm	2200
Grounding length	mm	2706
Track width	mm	300
Hopper capacity	t	13
Scraper numbers	-	2
Scraper speed(maximum)	m/min	25
Speed(maximum)	rpm	95
Diameter	mm	360
Battery voltage	V	24
Tractor weight	t	14
Operating weight	t	18
Total weight	t	20.5
Sound pressure level LPA at the operator ears	dB(A)	86
Emitted sound level	dB(A)	105

1. Cummins EC Stage III engine with 119kW;
2. E2550ATV 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.
8. Side skirt overturning;
9. Hydraulic height adjustment.

1. E2550ATV bolt-on extensions: 2×0.75m+2×0.5m, maximum paving width 7.5m;
2. E2550ATV bolt-on extensions: 2×0.75m, maximum paving width 6.5m;
3. E2550ATV bolt-on extensions: 2×0.5m, maximum paving width 6.0m;
4. Hydraulic quick-connect device;
5. Side skirt heating;

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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