

RP305



RP305

Paver

RP305 paver is a mini crawler paver that meets the requirements of EU Stage V emission standards. It is equipped with E1120TV hydraulic screed, with a maximum paving width of 3.2m, featuring simple operation and high compaction capacity. It is ideal for asphalt surface construction in narrow and low working conditions such as urban bicycle lanes, landscaped roads, residential roads and stadium roads.



徐工道路机械事业部

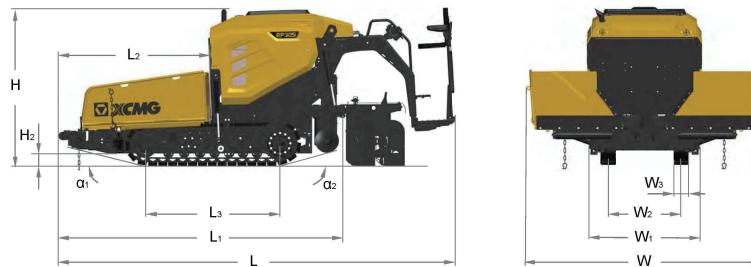
ROAD MACHINERY BUSINESS UNIT XCMG

Performance and characteristics

- Kubota EU stage V engine with 55.4kw, has a large power reserve factor, can adapt to more working conditions.
- Innovative design of electronic cooling fan, significantly reduce noise and save energy. Equipped with ECO mode, the construction noise is further reduced.
- Wireless remote control system + multi-function display panel, easy to use and closer human-machine interaction.
- E1120TV double tubes supported extending screed, with single tamper and vibrator, which improves the density and evenness of the road.
- High-torque radial plunger feeding motor, anti-block design better adapts to high viscosity asphalt.
- “One-key construction” can switch the auger, conveyor and tamper function to automatic mode simultaneously, extremely simplify the operation.
- Two-time folding hopper realizes single hopper wing control, adapt to more working conditions and provide more options for material dumping.
- Prolonged crawler ensures the walking stability, and closed-loop control makes the driving speed more accurate.

Main dimensions

Model	L	L1	L2	L3	W	W1	W2	W3	H	H1	H2	$\alpha 1$	$\alpha 2$	Unit: mm
RP305	4910	3530	1940	1703	2910	1450	920	180	1980	1980	160	13.5°	14°	



Main specifications

Item	Content	Unit	RP305
Basic parameters	Basic paving width	mm	1100~2000
	Max. paving width	mm	3200
	Max. pave thickness	mm	200
	Max. paving speed	m/min	30
	Max. drive speed	km/h	3.6
	Maximum theoretical productivity	t/h	260
	Max. gradeability	%	20
Engine	Manufacturer	-	Kubota
	Model	-	V3800
	Emission	-	EC Stage V
	Fuel	-	Diesel
	Rated power	kW	55.4
	Rated speed	rpm	2200
Crawler	Grounding length	mm	1703
Conveyor	Track width	mm	180
	Hopper capacity	t	5.8
	Scraper numbers	-	1
Auger	Scraper speed(maximum)	m/min	25
	Speed(maximum)	rpm	70
Electrical system	Diameter	mm	300
	Battery voltage	V	24
Weight	Tractor weight	t	6.2
	Operating weight	t	7.6
	Total weight	t	7.8
Noise	Sound pressure level LPA at the operator ears	dB(A)	90
	Emitted sound level	dB(A)	104
Main configuration	1. Kubota EC Stage V engine with 55.4kW; 2. E1120TV hydraulic extending screed(single tamper+vibrator+electric heating); 3. Standard intelligent control system; 4. MOBA leveling instrument/material level instrument; 5. Wireless remote control.		
Options	1. Bolt-on extensions: 2×0.45m+2×0.15m, maximum paving width 3.2m. 2. Bolt-on extensions: 2×0.45m, maximum paving width 2.9m. 3. Bolt-on extensions: 2×0.15m, maximum paving width 2.3m. 4. Cut-off shoes.		