

RP605



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Paver

RP605 is a medium-sized versatile tracked paver equipped with three-section full-extending screed, its paving width ranges from 2.3m to 6.0m without any attachments. Electric heated screed with high-power intelligent frequency conversion generator combines single tamper device, ensuring fast heating speed and high operation efficiency. This machine is widespread applicable to paving works on sidewalks, cycle paths, farm tracks and other minor roads as well as maintenance and construction of classified highway.



Performance and characteristics

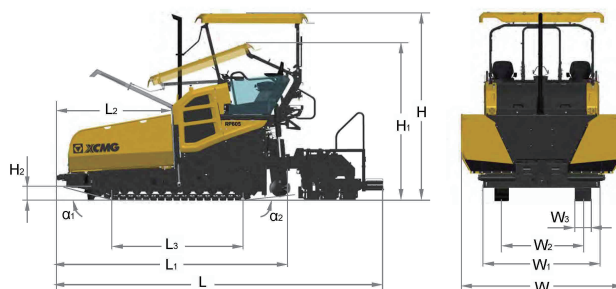
- 119kW high-power diesel engine, with superior load resistance, optimal power matching reduces fuel consumption and noise emission.
- 18kW variable frequency generator with idle heating and auto-matic heating function, quickly getting ready for construction.
- 12t large hopper always store enough materials and adapt to different tonnage of trucks.

- The 1040mm feeding channel for higher productivity.
- One-touch lifting adjustment of the auger, with regulating volume of 150mm for different paving thicknesses.
- Highly elastic coupling with high vibration absorption capacity, with enhanced high torque brake, stable, reliable and durable.

Main dimensions

Unit: mm

Model	L	L1	L2	L3	W	W1	W2	W3	H	H1	H2	$\alpha 1$	$\alpha 2$	Remarks
RP605	6180	4641	2406	2705	3200	2305	1634	300	3800	3200	182	17°	13.5°	E450 (Standard)
	6620	4641	2406	2705	3200	2305	1634	300	3800	3200	182	17°	13.5°	E2360 (Optional)



Main specifications

Item	Content	Unit	RP605
Basic parameters	Basic paving width	mm	2250~4500
	Max. paving width	mm	6000
	Max. pave thickness	mm	350
	Max. paving speed	m/min	27
	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	2000
Crawler	Grounding length	mm	2705
	Track width	mm	300
Conveyor	Hopper capacity	t	12
	Scraper numbers	-	2
	Scraper speed(maximum)	m/min	30
Auger	Speed(maximum)	rpm	92
	Diameter	mm	420, 360
Electrical system	Battery voltage	V	24
Weight	Tractor weight	t	13.5
	Operating weight	t	16.5
	Total weight	t	17
Noise	Sound pressure level LPA at the operator ears	dB(A)	90
	Emitted sound level	dB(A)	111
Main configuration	1. Cummins EC Stage III engine with 119kW; 2. E450 hydraulic extending screed(electric heating, single tamper); 3. Standard intelligent control system; 4. MOBA leveling instrument/material level instrument; 5. Automatic centralized lubrication.		
Options	1. E450T bolt-on extension: 2×0.75m; maximum paving width 6m. 2. With E2360 three-section extending screed, maximum paving width 6m. 3. Diesel spraying device.		