RP453L



RP453L

Paver

RP453L paver is a small type hydraulically driven wheeled paver with a reinforced E1834 hydraulic screed, paving width ranges from 1.8m to 4.5m, and an electric heating and tamper compaction device. The machine is equipped with four-wheel drive and self-differential ASC technology, making it highly resistant to load and anti-slip performance, and is widely used in asphalt paving construction of municipal roads and rural roads, and asphalt pavement maintenance construction of classified highway.

RP453L Paver

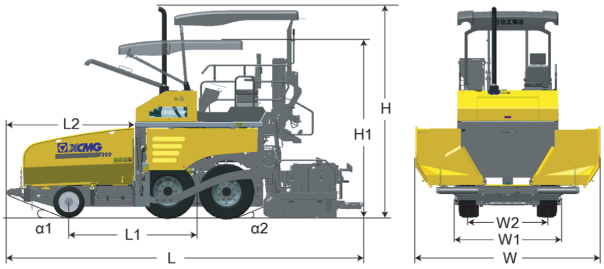
Performance and characteristics

- Driving speed up to 20km/h, allows quicker transportation.
- Full hydraulic axle drive automatic differential transmission system, rear four-wheel drive mode, good operability, large contact area and high traction force.
- 73.5kW power with ECO mode reducing fuel consumption and wear and tear.
- Independently driven conveyor and auger system, proportional adjustment of auger speed, strong operating ability and more responsive.
- 12t large hopper always store enough materials and adapt to different tonnage of trucks.

Main dimensions

Unit: mm

Model	L	L1	L2	α1	α2	H	H1	W	W1	W2
RP453L	6260	2272	2212	21.8	21.1	3745	3009	3293	1900	1413



Main specifications

Item	Unit	Value
Basic paving width	m	1.8-3.4
Max. paving width	m	4.5
Max. pave thickness	mm	260
Max. paving speed	m/min	20
Max. drive speed	km/h	20
Maximum theoretical productivity	t/h	240
Max. gradeability	%	20
Manufacturer	-	SDEC
Model	-	SC4H
Emission	-	CHN Stage III
Fuel	-	Diesel
Rated power	kW	73.5
Rated speed	rpm	2000
Front wheel numbers	-	2
Front wheel dimension	mm	ϕ559×305
Rear wheel numbers	-	4
Rear wheel dimension	mm	ϕ974×235
Hopper capacity	t	12
Scraper numbers	-	2
Scraper speed(maximum)	m/min	0-20
Speed(maximum)	rpm	79
Diameter	mm	300
Battery voltage	V	24
Tractor weight	t	9
Operating weight	t	11
Total weight	t	11.4-11.9
Sound pressure level LPA at the operator ears	dB(A)	90.8
Emitted sound level	dB(A)	112
Main configuration	1. Shangchai CHN Stage III engine with 73.5kW; 2. E1834 hydraulic extending screed(electric heating, single tamper); 3. Standard intelligent control system; 4. MOBA leveling instrument/material level instrument.	
Options	1. E1834 bolt-on extension: 2×0.575m, maximum paving width 4.5m; 2. Gas heating screed; 3. Diesel spray; 4. Cut-off shoes device.	

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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