Ref. RP603L_DS_EN_V2026.01

RP603L



RP603L

Paver

RP603L is a medium-sized wheeled paver, equipped with E2547 single tamper electric heating hydraulic extending screed. The infinite variable paving width, with the self-differential ASC, results in a stable and reliable paving quality and high adaptability. It is mainly applicable to the paving construction of asphalt pavement of graded highways and municipal roads, as well as repair and maintenance works of various roads. It is a perfect choice for where requires high flexibility.

RP603L Paver

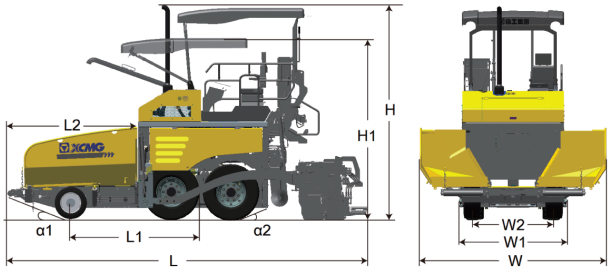
Performance and characteristics

- Full hydraulic axle drive automatic differential transmission system, rear four-wheel drive mode, good operability, large contact area and high traction force.
- 103kW power with ECO mode meet the needs of most working conditions, reducing fuel consumption and wear and tear.
- Highly elastic coupling with high vibration absorption capacity, with reinforced high torque brake, stable, reliable and durable.
- Independently driven conveyor and auger system, proportional adjustment of auger speed, strong operating ability and more responsive.
- E2547 telescopic screed with three-point suspension structure has strong bending and torsion resistance, which improves the evenness of the formed road surface.
- 13t 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
RP603L	6660	2414	2402	18.8	18.6	3973	3180	3185	2600	1890



Item	Unit	Value
Basic paving width	m	2.5-4.75
Max. paving width	m	6
Max. pave thickness	mm	260
Max. paving speed	m/min	23
Max. drive speed	km/h	17
Maximum theoretical productivity	t/h	400
Max. gradeability	%	20
Manufacturer	-	SDEC
Model	-	SC4H140G3
Emission	-	CHN Stage III
Fuel	-	Diesel
Rated power	kW	103
Rated speed	rpm	2200
Front wheel numbers	-	2
Front wheel dimension	mm	ϕ559×305
Rear wheel numbers	-	4
Rear wheel dimension	mm	ϕ1073×276
Hopper capacity	t	13
Scraper numbers	-	2
Scraper speed(maximum)	m/min	24
Speed(maximum)	rpm	58
Diameter	mm	420
Battery voltage	V	24
Tractor weight	t	15
Operating weight	t	18
Total weight	t	18.5
Sound pressure level LPA at the operator ears	dB(A)	90.8
Emitted sound level	dB(A)	112.6
Main configuration	1. Shangchai CHN Stage III engine with 103kW; 2. E2547 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. E2547 bolt-on extension: 2×0.625m, maximum paving width 6m; 2. Gas heating screed; 3. Diesel spray.	

Notes:
Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.

XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com

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