Ref. RP803_DS_EN_V2026.01

RP803



RP803

Paver

RP803 Paver is one of the important models of 3 series middle paver.According to the domestic and international market demand,8m middle retractable Paver is developed on the basis of current middle Paver.This Paver is mainly used for surface asphalt paving construction,giving consideration to stable soil material paving.Equipped with a new generation of intelligent control system,this machine adopts the most advanced technologies in the world today,such as full hydraulic drive,microcomputer control ,left and right Independent Drive ,ultrasonic material level sensing control,electronic automatic leveling,vibrating compaction,etc,this machine has the advantages of good paving stability,uniform feeding and distributing material ,high precompaction density, good flatness,comfortable operation,convenient maintenance ,energy sving and environmentalprotection,etc...

RP803

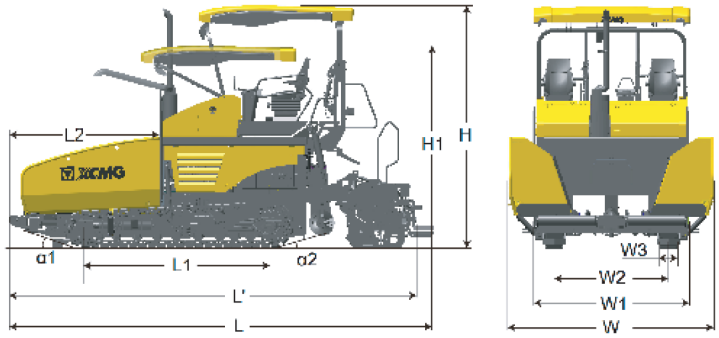
Paver

Performance and characteristics

- The left and right independent traveling drives are applied, the computer control is utilized, and the constant-speed automatic control technology is adopted for the paving speed.
- The ultrasonic sensing control technology is applied for the material distribution and the material takt control technology is applied for the material conveyance to guarantee the stable material level in the material chute.
- The double-longitudinal automatic leveling system guarantees the paving evenness.
- The machine is installed with hydraulic telescopic single-tamper electric-heated screed.
- The centralized lubrication system can automatically supply oil uniformly to the bearings at all high temperature portions.
- The material distribution vanes are made of highly wear-resistant alloy.
- The control console installed with LCD screen can visually display all working parameters and can move laterally to realize easy operations.
- The machine boasts high automation level, simple and easy operations, good construction quality, and high working efficiency.

Main dimensions

Model	L	L'	L1	L2	α1	α2	H	H1	W	W1	W2	W3
RP803	7080	6740	3175	2512	15	16.4	4000	3180	3387	2630	1898	300



Main specifications

Item	Unit	Value
Basic paving width	m	2.5~5.0
Basic paving width	m	8
Maximum paving thickness	mm	400
Working speed	m/min	0～20
Traveling speed	km/h	0～3.0
Theoretic productivity	t/h	800
Hopper capacity	t	14
Gradeability	%	20
Evenness (Standard difference)	mm/3m	≤2
Lateral gradient error	%	±0.2
Camber adjustment range	%	-1.5～+4.5
Power of diesel engine	kW	142
Diesel engine speed	r/min	2200
Material distribution speed	r/min	0～90
Material conveyance speed	m/min	0～35
Tamper speed	r/min	0～1700
Tamper amplitude	mm	4
Shape and dimension	mm	7080×2630×4000
Overall weight	t	20.5-22.8
Capacity of fuel tank	L	260
Hydraulic oil tank capacity	L	270

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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