RP903



RP903

Paver

RP903 Paver is one of the important models of 3 series large paver.According to the domestic and international market demand,9m large retractable Paver is developed on the basis of current large and medium-sized 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...

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RP903

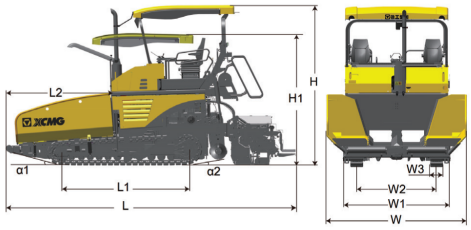
Paver

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 mature and reliable DCEC QSB6.7 diesel engine is installed, with the strong power output up to 164kW.
- The three-in-one high-power composite radiator is installed to, by means of forced central heat dissipation, guarantee the long-time continuous working of machine under 50℃ high temperature environment.
- Four sets of independent full-hydraulic drives are applied for the material conveyor and auger and the material level is controlled automatically. 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 distribution device can move in vertical direction easily to adapt to diversified paving thicknesses and reduce the material segregation.
- The material distribution vanes are made of highly wear-resistant alloy and the material conveyance baseplate and the screed baseplates are made of wear-resistant steel plates to effectively prolong the life of machine.

Main dimensions

Model	L	L1	L2	α1	α2	H	H1	W	W1	W2	W3
RP903	7180	3140	2735	11.3	21.2	4060	3180	3540	2600	2018	320



Main specifications

Item	Unit	Value
Basic paving width	m	3.0～5.85
Maximum paving width	m	9.15
Maximum paving thickness	mm	400
Working speed	m/min	18
Traveling speed	km/h	3
Theoretic productivity	t/h	900
Hopper capacity	t	15
Gradeability	%	≥20
Evenness (3m rule)	mm	1.2
Slope deviation	%	±0.2
Crown adjustment range	%	-1～+3
Engine model	/	QSB6.7
Diesel engine power	kW	164
Diesel engine speed	r/min	2000
Auger speed	r/min	0～90
Conveyor speed	m/min	0～30
Tamper speed	r/min	0～1800
Tamper amplitude	mm	4
Overall weight	t	24～27
Diesel tank capacity	L	300
Hydraulic oil tank capacity	L	300
Heating method of screed	/	Electric heating
Generator power	kW	30
Material level control mode	/	Angle sensing integration automatic control
Auger material level control mode	/	Ultrasonic sensing automatic control
Automatic leveling control mode	/	Analog leveling instrument

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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