Ref. RP605_DS_EN_V2026.01

RP605



RP605

Paver(EU Ⅲ)

RP605 paver is a construction equipment mainly used for the paving of various classified road pavements. With the abundant absorption of the advanced technologies and advantages from the foreign like products, this product adopts the independent left and right traveling drives and the nowadays world' s most advanced technologies, including computer control technology of powerful protection function, ultrasonic level sensing, electronic automatic leveling, and malfunction self-diagnosis, to embody the characteristic of others' advantages. This product is installed with hydraulically telescopic single-tamper pulse-vibration electric-heated screed and has reached the presently domestic leading technologic level. The critical supporting parts of this machine adopt imported products to realize the manufacturing quality and reliability level of like imported products. This machine is an ideal equipment for paving of road asphalt concrete materials.

RP605

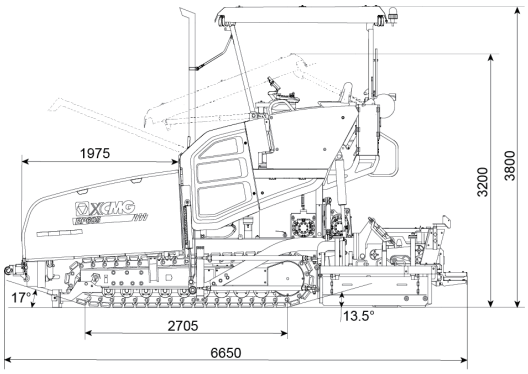
Paver(EU III)

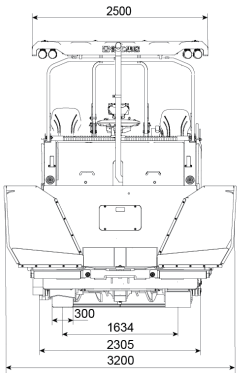
Performance and characteristics

- 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 left and right auger devices.
- The leveling system adopts the electronic automatic leveling technology to effectively improve the road evenness.
  The hydraulically telescopic screed is applied with single-tamper, pulse-vibrating, and electric heating technology to ensure environmental-friendliness and prolong the lives of screed baseplates.
- The centralized lubrication system can supply oil manually and uniformly to the bearings at high temperature portions at periodical intervals.
- The control console can visually display all working functions and paving/traveling speeds and can be installed on either left or right side.

Dimension in working configuration

Unit: mm





Main specifications

Item	Unit	Parameter
Basic paving width	m	2.3
Maximum paving width	m	6
Maximum paving thickness	mm	300
Working speed	m/min	0～27
Traveling speed	km/h	0～4
Theoretic productivity	t/h	600
Hopper capacity	t	12
Gradeability	%	20
Camber adjustment range	%	0～+3
Power of diesel engine	kW	119
Diesel engine speed	r/min	2000
Material distribution speed	r/min	0～92
Material conveyance speed	m/min	0～25
Tamper speed	r/min	0～1500
Tamper amplitude	mm	4
Overall dimensions	mm	6650×2305×3800 （Ceiling width is 2500）
Overall weight	t	16.8
Capacity of fuel tank	L	185
Hydraulic oil tank capacity	L	200

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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