

XP165U



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Pneumatic Tire Roller

XP165U pneumatic tire roller is a medium-tonnage pneumatic tire roller produced according to European and America market requirements, which will take pneumatic tires as working device for compacting paved materials. The pneumatic tire roller is mainly applicable for compacting operation of asphalt pavement. It is an ideal set of compacting equipment for building high grade highway, airport, port, and industrial construction site.

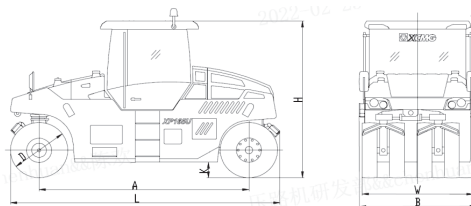
Performance and characteristics

- Adopting the internationally advanced double-bridge drive technology, it can achieve larger climbing capacity and higher driving speed. Soft start/stop control. The machine has buffer time setting for start and stop, soft start and soft stop, protect the compacted road surface from damage and improve the compacted quality.
- Smart sprinkler system Automatic sprinkler function can realize the intelligent control of sprinkling and parking, and can automatically match intermittent sprinkler gear according to the speed.
- Man-machine display system. Friendly man-machine interface realizes automatic system fault alarm, maintenance information query, system working status query.
- Integral box structure of the machine, the maintainability design of the key parts of each system, opening door, electronic control rearward overturning large hood, etc. making it convenient for the maintenance and service of the equipment.
- Standard foreign brand high-end tire roller, new streamlined appearance design, high-end, fashion, and XD, XS series to form 5 series of family appearance.

Main dimensions

Unit: mm

Model	A	B	D	H	K	L	W
XP165U (Without thermal insulation skirt)	3900	2175	1080	3000	280	5100	2075
XP165U (thermal insulation skirt)	3900	2493	1080	3000	280	5282	2075



Main specifications

Item	Content	Value
Weights Parameters	Maximum operating weight(wet sand + counterweight block)	16000kg
	Operating weight (incl. roof, excl. counterweight)	8500kg
	Operating weight (incl. water counterweight)	10850kg
	Operating weight(incl. dry sand counterweight)	12000kg
	Operating weight(incl. wet sand counterweight)	13200kg
	Operating weight(incl. water + counterweight block)	13650kg
	Operating weight(incl. dry sand + counterweight)	14800kg
Propelling	Working speed(F)	0 ~ 19km/h
	Gradeability	30%
	Minimum out turning radius	9000mm
	Ground clearance	280mm
	Wheel base	3900mm
	Steering angle	±30°
Compaction Performance	Drum width	2075mm
	Overlapping quantity	40mm
	Ground pressure	150 ~ 350kPa
Engine	Model	CUMMINS F3.8
	Type	Turbocharger water-cooled electrical control, no EGR
	Rated power	90kW
	Rated speed	2200r/min
Tire	Spec.	11.00-20
	Ply rating	16
	Air pressure	400 ~ 800kPa
Miscellaneous	Drive system	Hydraulic drive
	Service brake	Hydraulic brake
	Parking brake	Hydraulic multi-disc brake
	Steering system	Front wheel steering
	Steering control	Hydraulic