

XP303S



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PNEUMATIC TIRE ROLLER

XP303S is a type of large-tonnage pneumatic tire roller manufactured in accordance with market requirements with pneumatic tires as working device for compacting paved materials. Pneumatic tire roller is mainly applicable for compacting operation of asphalt pavement, foundation layer, secondary foundation layer, dam and filling projects. It is an ideal compacting equipment for constructing high grade highway, airports, ports, dams and industrial construction sites.

Performance and characteristics

- SC7H180.2G3 electronic control diesel engine, in compliance with China III emission standards, high reliability, fuel efficiency and low noise level.
- Transmission system consists of hydraulic drive pump, drive motor, drive axle, chain and rear wheels. The closed loop hydraulic drive system formed by imported variable displacement pump and motor, ensures good traction ability and higher climbability. Two gears infinitely variable speeds ensure optimized working speeds under different working conditions. Soft start and soft parking delivers good operation comfort.
- The pneumatic control system comprises brake system and

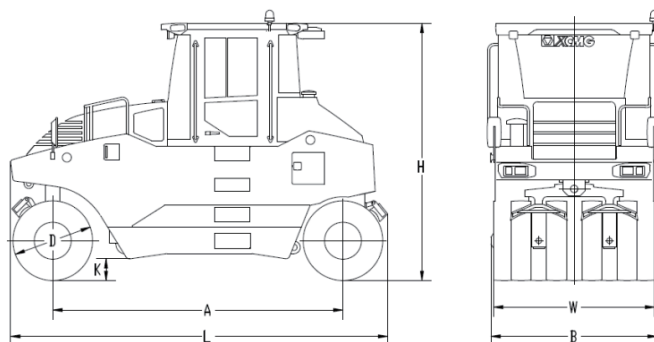
centralized inflation system. Dual-circuit full wheel brake technology brings a higher brake effect, faster response speed, shorter brake distance and higher reliability. Safety is guaranteed during working under mountainous working conditions. Concentrated inflation system is one method for drivers to adjust the tire pressure at any time by the air way control according to the compacted material density, which can effectively improve the operation range and compaction efficiency, improve the compaction quality and evenness.

- The machine uses the box type integral frame, each part designed with access hole and overturned hoods to facilitate maintenance and curing of each component.

Main dimensions

Unit: mm

Model	A	B	H	K	L	W
XP303S	3840	2530	3450	300	4925	2360



Main specifications

Item	Content	Unit	XP303S
Weights	Operating Weight	kg	30000
	Water Weight	kg	650
Maneuverability Performance	Operating Speed / Gear I / Gear II	km/h	0 - 6 / 0 - 14
	Theoretical Gradeability	%	25
	Minimum Turning Radius(outside)	mm	7620
	Minimum Ground Clearance	mm	300
	Wheelbase	mm	3840
Compaction Performance	Working Width	mm	2360
	Tire Overlap	mm	65
	Ground Pressure	kPa	200 ~ 545
Engine	Model		SC7H180.2G3
	Type		Electronic control water-cooled
	Rated Power	kW	132
	Rated Speed	r/min	1800
Tire	Specification		13/80-20
	Ply Rating		16
	Air Pressure	kPa	600 ~ 650
Miscellaneous	Drive Method		Hydraulic drive
	Service Brake		Lever reset hydraulic braking
	Park Brake		Dry type multi-disc brake
	Steering Method		Front wheel steering
	Steering Control		Hydraulic

Notes:

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