

XP265S



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Tire Roller

XP265S tire roller is a large-tonnage tire roller produced according to market requirements, which will take pneumatic tires as working device for compacting paved materials. The tire roller is mainly applicable for compacting operation of asphalt pavement, foundation layer, secondary foundation layer, dam and filling engineering. It is an ideal set of compacting equipment for building high grade highway, airport, port, dam and industrial construction site.



Performance and characteristics

- Manual control of system pressure is subject to errors caused by manual operation, and the tyre pressure monitoring and control system provides more accurate control of system pressure, with 7 gears to be selected.
- The operator selects the compaction mode of the roller according to the compaction material, and the air pressure is automatically controlled by selecting the system pressure value, which is easy to operate and reduces the labor intensity of the work.
- The real-time monitoring and control functions of the control system ensure the compaction performance of tyres, relieving the operator from monitoring the system, avoiding distracting the operator's attention and preventing safety accidents.
- The machine body is designed as box structure for improved maintainability of the key parts of various systems. It is equipped with the maintenance holes and electrically-controlled engine hood with big opening for the convenience of maintaining the equipment.
- Air filters, diesel & hydraulic oil fillers, diesel filters, batteries and air conditioning storage tanks etc. can be maintained when standing on the ground.
- The service braking is based on the hydraulic brake which

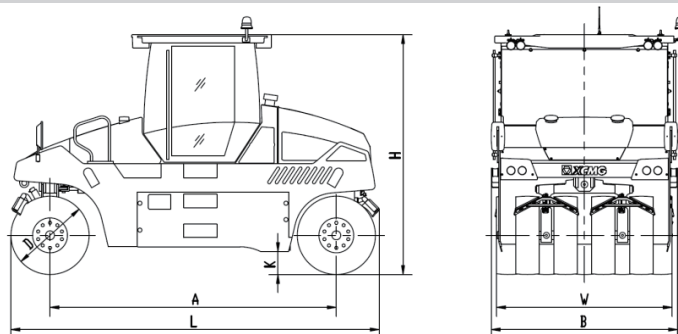
applies braking immediately when the handle returns. Thus, the braking is safe and reliable. The reducer amplifies the braking torque, and no chain is equipped, so that the service braking distance will be less than 5m. The parking braking is based on the hydraulically-controlled normally-closed wet-type brake which is mounted at the input end of reducer. The braking is released hydraulically to ensure the parking safety of complete machine.

- By benchmarking the top-end tyre roller of foreign brand, it is designed with brand new streamline appearance, which is high-end and stylish, and forms a 5-series family appearance with the XD and XS series.
- It is equipped with large-view cab, rear view camera, electrically-controlled intelligent water sprinkler system and air conditioning system as standard configuration; it can be optionally equipped with new intelligent oil sprinkler system, XCMG's patented uniform swinging sprinkler head with balanced compaction of oil film, which prevents the asphalt being adhered, improves the pavement compaction quality and enhances the construction safety.

Main dimensions

Unit: mm

Model	A	B	D	H	K	L	W
XP265S	4000	2500	1048	3200	280	5100	2360



Main specifications

Item	Content	Unit	XP265S
Mass parameters	Maximum operating weight	kg	26300
	Weight with balance weight water	kg	570
	Weight of balance weight	kg	3815
Moving performance parameters	Operating speed (forward)	km/h	0~16
	Gradeability	%	30
	Minimum outside turning radius	mm	7900
	Minimum ground clearance	mm	280
	Wheel base	mm	4000
	Steering angle	°	±35
	Swing amount of front wheel	mm	±50
	Brake distance	m	≤5
	Working width	mm	2360
Compaction parameters	Overlap amount of tires	mm	65
	Ground pressure	kPa	200~470
	Type		SC7H180.1G3
Engine	Type tests		Water-cooled in-line supercharged 6-cylinder diesel engine
	Rated power	kW	132
	Rated speed	r/min	2000
	Specification		13/80-20-16PR
Tire	Ply rating		16
	Air pressure	kPa	600~650
	Drive mode		Hydraulic transmission
Others	Service braking		Hydraulic braking
	Parking brake		Hydraulically-controlled multi-disc wet-type braking
	Steering form		Front wheel steering
	Steering control		Hydraulic