

# XP163S



## XP163S Pneumatic Tire Roller

XP163S pneumatic tire roller is a kind of self-propelled static roller, mainly applicable to compaction work on asphalt pavement, foundation layer, secondary foundation layer and fill operations. It is the indispensable compaction equipment for road construction as well as water conservancy construction. Its unique kneading and compaction performance makes it irreplaceable by other machine models.



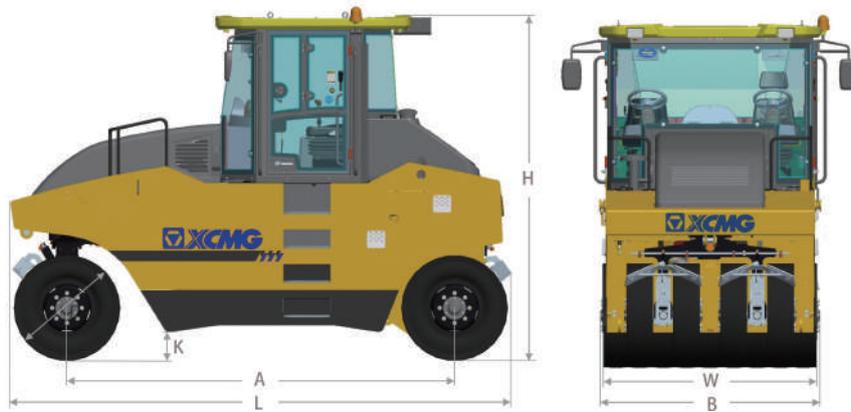
### Performance and characteristics

- Special pneumatic tire compacts the layer without damage the materials, ensuring good surface density of the pavement.
- Front wheel oscillation mechanism guarantees uniform grounding pressure on uneven ground and therefore compaction homogeneity.
- Electronic controlled water spray system prevents asphalt adhesion, ensuring the compaction quality.
- Optional 7 interval spraying system. 650L large water tank with three level filter prolongs service life of the elements.
- Double control throttle linkage technology is safe and reliable, convenient and comfortable.
- Hydraulic drive system, easy to operate, reduces the impact of starting and stop on the road surface, three braking system for higher safety and reliability.

### Main dimensions

Unit: mm

Model	A	B	D	H	K	L	W
XP163S	3700	2232	1015	3340	300	4780	2055



### Main specifications

Item	Content	Unit	XP163S
Weights	Operating weight	kg	13100
	Maximum operating weight	kg	16000
	Water quality	kg	650
	Ballast weight	kg	2900
Maneuverability	Working speed(F/R)	km/h	0~6.2/0~11.4
	Gradeability	%	30
	Minimum turning radius(outer)	mm	7253
	Minimum ground clearance	mm	300
	Wheel base	mm	3700
	Wheel track	mm	450
	Steering angle	°	±35
	Oscillation angle	°	NA
	Oscillation of front wheel	mm	±50
	Braking distance	mm	≤5200
Compaction parameters	Drum width	mm	2055
	Overlapping quantity	mm	30
	Ground pressure	kpa	150~300
Engine	Model	-	SC4H115.4G2B
	Emission	-	China II
	Rated power	kW	86
	Rated speed	r/min	1800
Tire	Spec.	-	9.00-20-12PR
	Air pressure	kPa	300~800
Capacities	Fuel tank	L	150
	Urea tank	L	NA
	Water tank	L	21