



### LGP2030 Pneumatic Tire Roller (Mechanical Transmission)

LGP2030 pneumatic tire roller adopts Cummins engine, mechanical drive, five tyres in front and six in rear, which is super quality compaction equipments for high-class highway, airport, municipal road and industrial ground, especially for final compaction of asphalt surface on high-class highway.

Engine	
Model	Cummins 6BTA5.9
Type	Vertical, water cooled, direct injection
Rated power	125KW
Rated speed	2000rpm
Rated fuel consumption	200g/kw·h
Transmission System	
Type	Mechanical or hydraulic drive
Grade ability	20%
Traveling speed(km/h)	
Forward/Reverse I	4.8/4.8
Forward/Reverse II	9.5/9.5
Forward III	20.2
Axle And Tyre	
Type of main reducer	Spiral bevel gear
Gear ratio	1:6.17
Final Reducer	Chain driven
Chain gear ratio	1:2.17
Single tyre load(F/R)	2700kg
Tyre number(F R)	5 6
Tyre size	11.00-20.16
Main Technical Specification	
Max.operating weight	30000 kg
Min.operating weight	20000 kg
Average ground pressure	0.307-0.46Mpa
Tyre pressure	0.2-0.8Mpa

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Compacting width	2790mm
Vertical oscillation	±100mm
Steering System	
Type	Hydraulic steering
Working pressure	13MPa
Steering cylinder	Φ90×50×260mm
Min. steering radius	8000mm(outer side)
Braking System	
Service brake	Air-over-hydraulic disc brake
Parking brake	Hand operated drum brake
Service Capacities	
Hydraulic tank	67L
Gear box	10L
Fuel tank	220L
Engine crank case	16L
Dimensions	
Overall length	4878mm
Overall width	2800mm
Overall height	3103mm
Wheel base	3800mm
Ground clearance	300mm

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