



LGP1016 Pneumatic Tire Roller (Mechanical Transmission)

LGP1016 pneumatic tire roller adopts Cummins engine, mechanical drive, four tyres in front and five 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 4BT3.9
Type	Vertical, water cooled, direct injection
Rated power	75KW
Rated speed	2400rpm
Rated fuel consumption	200g/kw·h
Transmission System	
Type	Mechanical or hydraulic drive
Grade ability	20%
Traveling speed(km/h)	
Forward/Reverse I	4.8/4.5
Forward/Reverse II	8.0/10.9
ForwardIII	16
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)	1778kg
Tyre number(F R)	4 5
Tyre size	11.00-20.16
Main Technical Specification	
Max. operating weight	16000 kg
Min. operating weight	10000 kg
Average ground pressure	0.15-0.3Mpa

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Tyre pressure	0.2-0.8Mpa
Compacting width	2290mm
Vertical oscillation	±100mm
Steering System	
Type	Hydraulic steering
Working pressure	13MPa
Steering cylinder	Φ90×50×260mm
Min. steering radius	7500mm(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	4770mm
Overall width	2286mm
Overall height	3100mm
Wheel base	3717mm
Ground clearance	300mm

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