



Single Drum Vibratory Roller LGR207 (Mechanical Transmission)

LGR207 is mostly worked in with the spread asphalt machine. Because of the very width vibrated wheel(1.7m) and the fine pressing speed which bring the great working ability. It is mostly worked with the largest spread asphalt. The roller is applied to built-road, parking area and industry area, it is especially suited for express shoulder, side walk and the limited area.

Engine	
Model	Xinchai 498
Type	Vertical, water cooled, direct injection
Rated power	36.8KW
Rated speed	2000rpm
Rated fuel consumption	185g/kw•h
Main Technical Specification	
Operating weight	7000kg
Type	Hydraulic vibration
Frequency	43Hz
Amplitude	0.4 mm
Static linear load	215N/cm
Dynamic linear load	320N/cm
Vertical oscillation	10°
Drum shell thickness	20mm
Centrifugal force	70KN
Transmission System	
Type	Mechanical drive(gear box)
Grade ability	25%
Gear shifts(Forward/Reverse)	F3/R3
Traveling speed(km/h)	
Forward/Reverse I	2.2/2.2
Forward/Reverse II	4.7/4.7

Shanghai Longji Construction Machinery Co., Ltd.

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Forward/ReverseIII	15/15
Axle	
Drive type	Rear wheel drive
Front axle load	4000kg
Rear axle load	3000kg
Steering System	
Type	Articulated frame, hydraulic steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	12MPa
Steering angle	±36°
Min. steering radius	5000mm (outer side),2870mm (inner side)
Braking System	
Service brake	Disc brake, actuate rear wheels
Parking brake	Hand operated drum brake
Dimensions	
Overall length	5010mm
Overall width	1880mm
Overall height	2570mm
Drum width	1700mm
Wheel base	2750mm
Drum Dia.	1220mm
Tyre size	12.00-24
Ground clearance	400mm
Service Capacities	
Hydraulic tank	110L
Gear box	25L
Drive axle	25L
Brake booster	10L
Fuel tank	110L
Engine crank case	16L

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