



LGR212H-II Single Drum Vibratory Roller(Hydraulic Transmission)

LGR212H-II road roller is equipped with Cummins 6BT5.9 engine, SAUER or REXROTH hydraulic pump and motor, which introduced high-tech. full hydraulic drive and vibratory. It is suitable for compaction of non-cohesive materials such as gravel, crushed stone, sand-macadam mixture, sandy soil and rock filling etc, base course, sub-base and embankment fill construction, which are ideal equipment for high-class highway, airport, harbors, dams and large-scale industrial ground.

Engine	
Model	Cummins6BT5.9
Type	Vertical, water cooled, direct injection
Rated power	110KW
Rated speed	2200rpm
Rated fuel consumption	210g/kw-h
Main Technical Specification	
Operating weight	12000kg
Type	Hydraulic vibration
Frequency	29/35Hz
Amplitude	0.9/1.8mm
Static linear load	1300N/cm
Drum shell thickness	24mm
Centrifugal force(high ampl.)	260KN
Centrifugal force(low ampl.)	160KN
Working pressure	42Mpa
Transmission System	
Type	Hydraulic drive
Grade ability	35%
Traveling speed(km/h)	
Forward/Reverse	0-11
Traveling pump	SAUER/REXROTH piston pump
Traveling motor	SAUER/REXROTH piston motor
Axle	

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

E-mail: info@shlongji.com

Tel: +86-21-541-71571

Fax: +86-21-541-71572

Drive type	Dual wheel drive
Front axle load	7200kg
Rear axle load	4800kg
Steering System	
Type	Articulated frame, hydraulic steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	13MPa
Steering angle	±35°
Min. steering radius	7000mm (outer side),5400mm (inner side)
Braking System	
Service brake	Oil-cut off braking
Parking brake	Hand operated drum brake
Dimensions	
Overall length	5820mm
Overall width	2278mm
Overall height	3050mm
Drum width	2100mm
Wheel base	3160mm
Drum Dia.	1570mm
Tyre size	23.1-26
Ground clearance	472mm
Service Capacities	
Hydraulic tank	180L
Drive axle central gear box	25L
Fuel tank	200L
Engine crank case	19L

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

E-mail: info@shlongji.com

Tel: +86-21-541-71571

Fax: +86-21-541-71572