

Rated Power 110 kW (150 hp)
Operating Weight 12000 kg



CLG612H

Single Drum Hydrostatic Vibratory Roller



Technical Specifications

	LIUGONG CLG612H	LIUGONG CLG612H with Pad
Weights		
Operating Weight with ROPS/FOPS.....lbs (kg)	26460 (12000)	28665 (13000)
Axle load, drumlbs(kg)	15215 (6900)	17420 (7900)
Axle load, wheelslbs (kg)	11245 (5100)	11245 (5100)
Static linear load (drum).....pli (kg/cm)	181.13 (32.4)	
Dimensions		
Working widthin (mm)	84 (2130)	84 (2130)
Track Radius, innerin (mm)	172 (4370)	172 (4370)
Driving Characteristics (depending on site conditions)		
Speed (1).....mph (kmph)	0-2.79 (0-4.5)	0-2.98 (0-4.8)
Speed (2).....mph (kmph)	0-3.79 (0-6.1)	0-3.85 (0-6.2)
Speed (3).....mph (kmph)	0-4.16 (0-6.7)	0-4.47 (0-7.2)
Speed (4).....mph (kmph)	0-7.46 (0-12)	0-7.83 (0-12.6)
Max. gradeability without/with vibration%	48/45	38/35
Drive		
Engine manufacturer.....	DongFeng Cummins / (USA Cummins)	
Type.....	6BT5.9-C150 / (6BT5.9-C152)	
Cooling.....	water	
Number of cylinders.....	6	
Performance SAE J 1995hp (kW)	150 (110) / 145 (108)	
Rated RPMrpm	2300 / 2100	
Fuel.....	diesel	
Electric Equipment..... V	24	
Drive System.....	hydrostatic	
Drum Driven.....	standard	
Drums and Tires		
Number of pad feet.....	132	
Area of one pad footin ² (cm ²)	17.7 (114)	
Height of pad feetin (mm)	3.15 (80)	
Tire size.....	23.1-26-12PR	
Tire Tread.....	Floation (E-7)	
Brakes		
Service brake.....	hydrostatic	hydrostatic
Parking brake.....	SAHR	SAHR
Steering		
Steering system.....	oscillating, articulating	oscillating, articulating
Steering method.....	hydrostatic	hydrostatic
Steering angle +/-degrees	35	35
Oscillating angle +/-degrees	10	10
Vibratory system		
Drive system.....	hydrostatic	hydrostatic
Frequency.....rpm (Hz)	1800/1980 (30/33)	1800/1980 (30/33)
Amplitudein (mm)	0.077/0.039 (1.95/1.0)	0.07/0.03 (1.79/0.85)
Centrifugal force.....lbs (kN)	59535/33075 (270/150)	59535/33075 (270/150)
Capacities		
Fuel gal (l)	66 (300)	66 (300)

Technical modifications reserved. Machines may be shown with options.

Shipping dimensions
in cubic feet (m³) with ROPS
CLG612H 1483 (42)
CLG612H with Pad 1483 (42)

Standard Equipment

- Air conditioning
- Hydrostatic drum and vibration drive
- Dual frequencies and amplitudes
- Hydrostatic articulated steering
- Articulation lock
- Adjustable operators seat
- Single lever control for travel and Vibration
- Drum scrapers
- Emergency stop
- Backup alarm & hour meter
- Gauges: voltmeter, tachometer
- Audible and /or Visual warning indicators
- Engine oil pressure
- Engine temperature
- Air filter restriction
- Brake control
- Charge control
- Working lights front/rear
- Radio (with cab option)

Optional Equipment

- Padfoot drum segment kit (PDH)
- Smooth drum segment kit (DH)
- Rotary beacon (permanent or portable)
- ROPS cab

Dimensions (mm)

