

Hydraulic double drum Vibratory Rollers

LTC212/LTC214



LTC214 LTC212 Hydraulic vibratory rollers are manufactured according to international advanced technology and by use of imported components. The machine is a double drum tandem vibratory roller. It is primarily used for the compaction of road bituminous course, sand gravel mixtures and RCC material, Being a universal compaction equipment for highway, municipal road, park area and industry ground etc.

- Full hydraulic double drum drive and vibration.
- Double frequency and double vibration system.
- Hydrostatic center articulated steering, with crab mechanism.
- Cabin with air conditioner, the rotating seat makes operation more convenient.
- Totally turning of cabin to side makes maintenance more convenient..
- Fork-type frame, good at edge compaction.
- Hydraulic pump and vibrating motors are of the products made by American manufacturer SAUER or German manufacturers REXROTH.

Model	LTC212/LTC214	
Operating mass	kg	12000/14000
Front axle load	kg	6000/7000
Rear axle load	kg	6000/7000
Static linear load	N/cm	286/333
Form of frame	Fork-type	
Crabwise movement distance	mm	± 170
Water tank capacity	L	2 × 600
Fuel tank capacity	L	154
Hydraulic tank capacity	L	65
Vibration amplitude	mm	
High ampl.		0.8
Low ampl.		0.4
Vibration frequency	Hz	
High ampl.		40
Low ampl.		46
Centrifugal force	kN	
High ampl.		160 × 2
Low ampl.		90 × 2

Model	LTC212/LTC214	
Travel speed	Km/h	0-12
Turning radius	mm	7000
Grade ability	%	40
Steering angle	°	± 35
Drum diameter	mm	1350
Drum width	mm	2100
Drum rim thickness	mm	20
Transverse swing angle of the vibrating wheel	°	± 8
Type of water spray	mm	pressure
Wheelbase	mm	3717
Overall length	mm	5062
Overall width	mm	2250
Overall height	mm	3000
Ground clearance	mm	324
Diesel model		6BT5.9
Diesel power	kW	110
Diesel speed	r/min	2300