



Hydraulic Vibratory Rollers

LT214/LTS214H/LTD214H

LT214 heavy duty vibratory rollers effect powerful centrifugal force and great static linear load, They are suitable for non-cohesive materials, such as sandy soil, gravel, crushed stones, rock fillings and slightly cohesive soils, designed for large foundation constructions such as high-class highways, mines, dams, airports, harbors, railways and industrial areas etc.

- Mechanical travel drive, double amplitude, hydraulic vibration and steering with optimal function/price ratio and reliable performance.
- Reliable D6114 or YC6108 diesel engine for convenient operation and maintenance.
- Two sets of brake devices, a hand brake and foot pedal brake, assure the machine's safety and dependability.
- Spacious and comfortable cab mounted on top quality rubber damping elements.
- World advanced technology is adopted for the hydraulic vibration technology, high in reliability, simple and convenient in maintenance, and low in cost.
- Equipped with padfoot or removal padfoot as option.

LTS214H/LTD214H Hydraulic double driver vibratory roller is manufactured according to the international advanced technology and by use of imported component. The machine is super heavy-duty vibratory roller, possesses a great working mass and strong centrifugal force. It is the best compaction equipment of high quality and high effect in the large-scale mechanized construction. This machine is suitable for non-cohesive materials, such as graves, macadam, macadam-aggregate mixtures and sandy soil etc. Also it can effect good compaction in cohesive material, There-fore the machine an ideal equipment for expressway, mining road, embankment, sea port and industrial sites.

- Power System: CUMMINS B-series extra-pressure diesel engine, huge power reserve, operating condition above 4000 meters altitude.
- Full hydraulic and drive, adjustable frequency and adjustable amplitude, articulated steering, the two-range of stepless speed changes, oil-cutoff brake system.
- Streamline outline, circular windshield glass and curvy hood form a unique style.
- Padfoot drum or removal padfoot are optional. Hydraulic pump and vibrating motor are of the 90 series made by American manufacturer SAUER or German manufacturer REXROTH.



Model		LT214	LTS214H	LTD214H
Operating mass	kg	14000	14000	14000
Static linear load	N/cm	342	342	400
Vibration amplitude	mm	1.8/0.9	1.8/0.9	1.8/0.9
Vibration frequency	Hz	30	29/35	29/35
Centrifugal force	kN	290/160	290/160	290/180
Travel speed	km/h	10.5	12	12
Grade ability	%	35	30	35
Turning radius	mm	7000	6500	7000
Overall dimension	mm	5820 × 2278 × 3000	5860 × 2280 × 3020	5860 × 2278 × 3050
Vibration round width	mm	2100	2100	2100
Wheelbase	mm	3160	3160	3160
Ground clearance	mm	432	472	472
Diesel power	kW	85	110	110
Diesel model		YC6108G	Cummins 6BT5.9	Cummins 6BT5.9