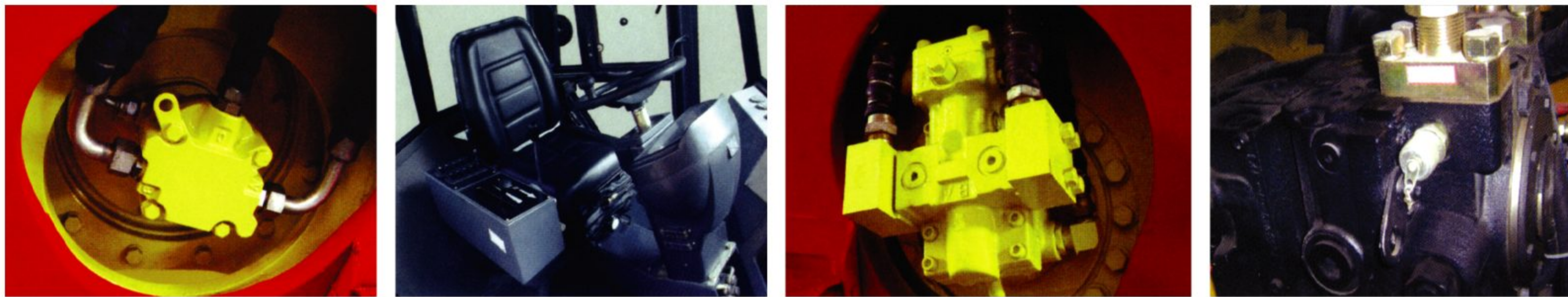


Hydraulic Double Drum Vibratory Rollers



LDD314H/LDD312H/LDD310H/LDD212H/LDD210H/LDD208H



Hydraulic double drum vibratory rollers are manufactured according to international advanced technology and by use of imported main components abroad, suitable for compaction of various stabilized soils, bituminous concrete and rolling cement concrete (RCC) on road surface construction, also for compaction of road base course, which are universal compaction equipments for high-class highway, airport, harbors, dams, municipal road and industrial ground.

- COMMINS water cooled diesel engine with rich power surplus.
- Hydrostatic all-drum travel drive by imported hydraulic motors at two range infinitely variable speeds.
- Dual frequency and amplitudes vibration system with imported piston pump and motors.
- Center articulated steering with crabwalk unit for flexible maneuverability.
- Integrated multi-disc wet brake with oil-cutoff braking for reliable safety.
- Modernized style appearance design with inner bending side plate supports posses beautiful shape contour.
- Upper surface of the drum exposed-fully, front and rear visibility may reach 1 × 1 meter standard for convenient observation of driver.
- Driver's platform can be turned for 180 degree; All controls are ergonomically designed for light and ease operations.
- Two sets of imported water pumps, large capacity water tanks and sprinkler pipes raise operational reliability.

Model		LDD314H	LDD312H	LDD310H	LDD212H	LDD210H	LDD208H
Operating mass	kg	14000	12000	10000	12000	10000	8000
Static linear load	N/cm	329	282	294	282	235	210
Vibration amplitude	mm	0.74/0.35	0.74/0.35	0.74/0.35	0.74/0.35	0.74/0.35	0.67/0.35
Vibration frequency	Hz	40/55	40/55	35/55	40/50	40/50	40/50
Centrifugal force	kN	175 × 2/110 × 2	150 × 2/95 × 2	125 × 2/85 × 2	150 × 2/99 × 2	115 × 2/85 × 2	90 × 2/69 × 2
Max. travel speed	km/h	13	13	12	13	13	12
Gradeability	%	40	40	40	40	40	40
Turning radius	mm	7000	7000	7000	7000	7000	7000
Drum width	mm	2130	2130	1700	2130	2130	1870
Drum diameter	mm	1300	1300	1250	1350	1250	1150
Wheelbase	mm	3590	3590	3420	3440	3368	3340
Ground clearance	mm	350	350	320	350	320	300
Diesel model	mm	Cummins6BT5.9	Cummins6BT5.9	Cummins4BTA3.9	Cummins4BTA3.9	Cummins4BTA3.9	Cummins4BTA3.9
Diesel power	kW	110	110	82	82	82	82
Overall dimensions	mm	4890 × 2240 × 3120	4890 × 2240 × 3120	4670 × 1790 × 3070	5360 × 2270 × 2970	5080 × 2270 × 2920	5080 × 2160 × 2850