

Hydraulic Single Drum Vibratory Rollers



LSD228H/LSD226H/LSD222H/LSD220H/LSD218H/LSD216H



Hydraulic heavy duty vibratory rollers are suitable for compaction of non-cohesive materials such as gravel, crushed stone, sand-macadam mixture, sandy soil and rock filling etc. on base course, sub-base and embankment fill construction, which are ideal equipment for high-class highway, railway, airport, harbors, dams and large-scale industrial ground.

- Cummins turbocharged diesel engine with rich power surplus in good performance above an elevation of 4000 meters.
- Hydrostatic wheel & drum travel drive operated by a single lever at four range infinitely variable speeds, hydraulic pump and motors made from international advanced companies.
- Adjustable frequency and amplitude vibration device with imported vibrating pump and motor.
- Imported planet gear reducer integrated with wet multi-disc brake with oil-cutoff braking for reliable safety.
- Unique streamline shape appearance with circle arc windscreen and curve engine hood for excellence sight.

Model		LSD228H	LSD226H	LSD222H	LSD220H	LSD218H	LSD216H
Operating mass	kg	28000	26000	22000	20000	18000	16000
Static linear load	N/cm	830	736	645	600	540	460
Vibration amplitude	mm	2.0/1.0	2.0/1.0	2.0/1.0	2.0/1.0	2.0/1.0	2.0/1.0
Vibration frequency	Hz	28/35	28/35	28/35	28/35	28/35	28/35
Centrifugal force	kN	440/360	420/340	400/320	380/300	360/280	340/260
Max. travel speed	km/h	9	9	11.2	11.2	11.2	11.2
Gradeability	%	45	45	45	45	45	45
Turning radius	mm	7500	7500	7000	7000	7000	7000
Drum width	mm	2130	2130	2130	2130	2130	2130
Wheelbase	mm	3500	3500	3148	3148	3148	3148
Ground clearance	mm	470	470	472	472	472	472
Diesel model		Cummins6CTA8.3	Cummins6CTA8.3	Cummins6CTA8.3	Cummins6CTA8.3	Cummins6CTA8.3	Cummins6CTA8.3
Diesel power	kW	160	160	160	160	160	160
Overall dimensions	mm	6540 × 2392 × 3048	6540 × 2392 × 3048	6005 × 2360 × 2993	6005 × 2360 × 2993	6005 × 2360 × 2993	6005 × 2360 × 2993