



# Single Drum Vibratory Rollers

LSS2501/LSS2301/LSS2101/LSS1901/LSS1701



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 etc., which are ideal equipment for high-class highway, railway, airport, harbors, dams and large-scale industrial ground etc.

- High powerful D6114 or water cooled turbocharged diesel engine; Engine cooling air-path structure and large capacity of fuel tank.
- Special Heavy-duty gearbox or synchronous gearbox ; Driving axle with greater braking torque.
- Dual amplitude setting of vibration; New types of vibration device and drum travel bearing structure.
- Modernized style overall appearance; Driver's cabin with T type angular glass.
- Joint-moving mechanism of the clutch pedal with engine throttle; Adjustable instrument table with liquid crystal instrument panel.

Model		LSS2501	LSS2301	LSS2101	LSS1901	LSS1701
Operating mass	kg	25000	23000	21000	19000	17000
Static linear load	N/cm	575	529	483	437	391
Vibration amplitude	mm	2.0/1.0	2.0/1.0	2.0/1.0	2.0/1.0	2.0/1.0
Vibration frequency	Hz	28	28	28	28	28
Centrifugal force	kN	400/260	380/240	360/220	340/200	320/180
Travel speed	km/h	10.5	10.5	10.5	10.5	10.5
Gradeability	%	35	35	35	35	35
Turning radius	mm	7500	7500	7500	7500	7500
Drum width	mm	2130	2130	2130	2130	2130
Drum diameter	mm	1600	1600	1600	1600	1600
Wheelbase	mm	3530	3530	3530	3430	3430
Ground clearance	mm	445	445	45	445	445
Diesel engine model		D6114	D6114	D6114	D6114	D6114
Diesel engine power	kW	140	132	132	132	132
Overall dimensions	mm	6800 × 2360 × 3000	6800 × 2340 × 3000	6800 × 2300 × 3000	6600 × 2300 × 3000	6600 × 2300 × 3000