

Single Drum Vibratory Rollers

LSS214/LSS212/YZ7G



LSS214/LSS212:

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.

YZ7G:

Single drum vibratory rollers are of mechanical travel drive, hydraulic vibration and smooth rubber tire, suitable for compaction of various stabilized soils and bituminous concrete and etc. on road surface construction, which are ideal compaction equipments for highway, municipal road and industrial ground.



Model		LSS214	LSS212	YZ7G
Operating mass	kg	14000	12000	7000
Static linear load	N/cm	325	285	215
Vibration amplitude	mm	1.8/0.9	1.8/0.9	0.4
Vibration frequency	Hz	30	33	50
Centrifugal force	kN	290/160	270/140	70
Travel speed	km/h	11	11.6	15
Gradeability	%	35	35	25
Turning radius	mm	7000	7000	5000
Drum width	mm	2130	2130	1700
Drum diameter	mm	1500	1500	1220
Wheelbase	mm	3080	3080	2750
Ground clearance	mm	410	410	320
Diesel engine model		D4114	Cummins 6BT5.9	495AY
Diesel engine power	kW	95	97	36.75
Overall dimensions	mm	5800 × 2290 × 2970	5890 × 2280 × 2995	5180 × 1920 × 2880