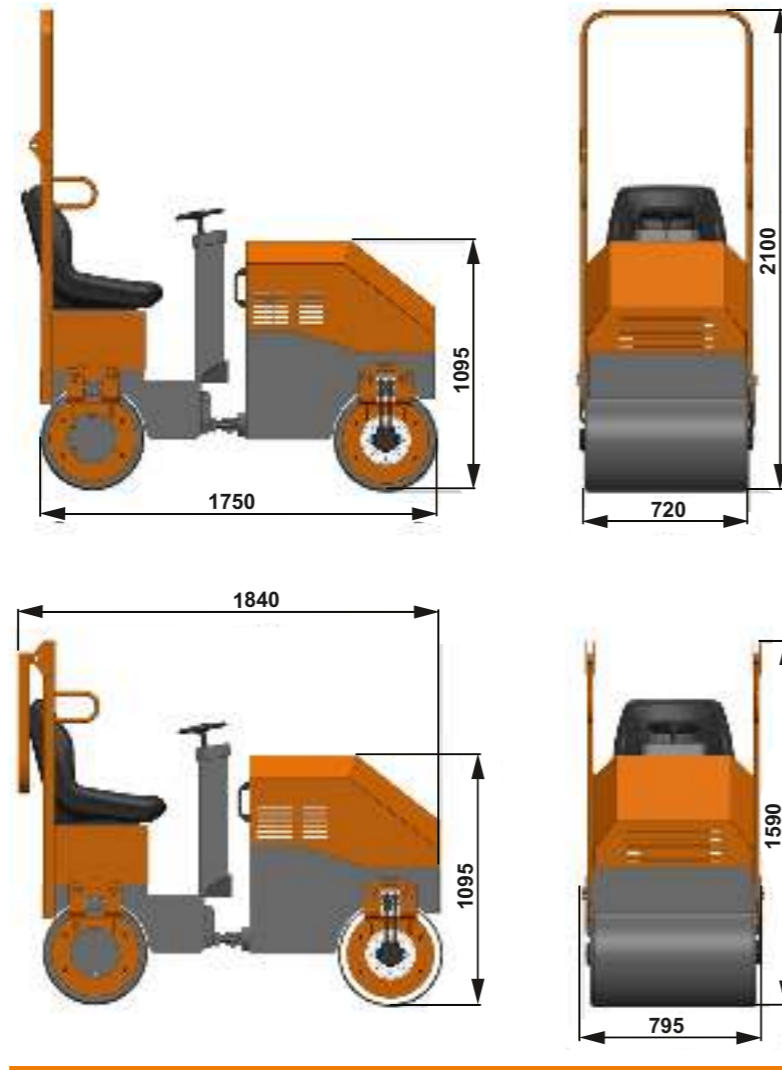


RIDE-ON VIBRATORY ROLLER TECHNICAL

The DIR-6500 is a mini vibrating roller, ideal for compacting soil & asphalt. The machine is fully hydraulic which allows a small overhang enabling the roller to run close to obstructions i.e. walls. It is equipped with a water sprinkling, operating handle and hydraulic levers. The machine would be supplied with an electric starter. The Roller is comprising of two drums among them the front Drum is equipped with the vibration & traction both and the Rear Drum is with traction only.

APPLICATION :

- Construction and repairing of roads
- Pavements
- Compaction canals
- Road Widening Works
- Gardening
- Embankments
- Private roads
- Hilly terrains with sharp bends
- Culverts
- Edges of highways
- Parking lots
- Internal Roads in Housing on Soil
- Playgrounds
- Granular and Asphalt etc



KEY FEATURES & BENEFITS

- Compacts space where no other compactor can reach
- Easy Quick Compaction
- 3 Different models from 5 to 65 tons are available
- Oil Bath Type compaction weight chamber is filled with gear oil. Periodic greasing and oil changing interval is 365 days.
- Single hose block: All hoses are routed within the frame and connected to a mono hose block. Preventing the hoses from damage.
- Self-aligning bearing, provides a long service life to rotating components.

SR. NO.	DESCRIPTION	DETAILS
01	GENERAL	
	Tandem Vibratory Roller	-
	Model	DIR - 6500
	Hydraulic Pump (Variable Displacement)	PWG (Italy) / Equivalent
	Hydraulic Motor	Bondioli Pavesi
	Filter	PWG (Italy) / Equivalent
02	VIBRATION	
	Vibration Type	Hydraulic
	Compaction Force (kN)	25
	Vibration Frequency (Hz)	70
	Vibration Mode	Front Drum
	Nominal Amplitude (mm)	0.6
03	TRAVELLING	
	Traction Mode	Hydraulic – Both Drum
	Travel Speed (kmph)	0 to 5 (Variable Speed)
	Gradeability	30 %
	Turning Radius (mm)	2400
	Operating Panel	MIMIC
	Operator Seat	Adjustable
04	WEIGHT	
	Static Weight (kg)	700
	Working Weight (kg)	800
05	ENGINE	
	Make	Greaves / Equivalent
	Stroke	4 – Stroke, Air Cooled
	Rated Speed (RPM)	3000
	Engine H.P	10
	Starting Type	Electric
	Battery (Volt)	12
06	DIMENSIONS	
	Wheel Base (mm)	1290 (c/c)
	Drum Width (mm)	700
	Drum Dia. (mm)	450

07	CAPACITY	
	Oil Tank (Litre)	17
	Fuel Tank (Litre)	6
	Water Tank (Litre)	20
08	ACCESSORIES	
	Front & Rear Light	Feature
	Water Sprinkler	By Gravity (Both Drum)
	Drum Scraper	2 Scrapers per Drum
09	FEATURES	
	Driver Seat	With Canopy Cover
	Articulated Oscillating Joint	Feature