



SHREE JI GLOBAL IMPEX

FVR 850 Ride On Double Drum Roller



The FVR850 Mini Ride-On Roller is a compact double drum hydraulic vibratory roller designed for efficient compaction of asphalt, soil, sand, gravel, and paving materials. Powered by the reliable Greaves diesel engine, it delivers excellent compaction performance, fuel efficiency, and easy maneuverability, making it ideal for road construction, footpaths, parking areas, landscaping, and municipal maintenance projects.



Technical Specifications

Specification	Details
Model	FVR850
Machine Type	Mini Ride-On Double Drum Vibratory Roller
Structural Type	Fully Hydraulic Double Drum Roller
Engine Make	Greaves Cotton
Engine	Diesel
Engine Power	10 HP (Approx.)
Engine Type	Single Cylinder, Air-Cooled, 4-Stroke Diesel
Starting System	Electric Start
Drive System	Fully Hydraulic Drive
Steering System	Hydraulic Articulated Steering
Roller Type	Double Drum Vibratory Roller
Operating Weight	750–800 kg
Drum Width	700 mm
Drum Diameter	450–580 mm (Model Variant)
Rolling Width	700 mm
Centrifugal Force	30 kN
Vibration Frequency	70 Hz
Travel Speed	0–5 km/h
Gradeability	30%
Water Tank Capacity	35 Litres
Fuel Tank Capacity	3.6–6 Litres
Machine Dimensions (L × W × H)	Approx. 2100 × 1000 × 1400 mm

***Specifications may vary slightly depending on the manufacturer and platform configuration.**



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Key Features

- Reliable Greaves diesel engine.
- Fully hydraulic forward and reverse drive.
- Double smooth steel drums for uniform compaction.
- 30 kN centrifugal vibration force.
- Electric start for easy operation.
- Hydraulic articulated steering for excellent maneuverability.
- Water sprinkler system prevents asphalt sticking.
- Comfortable ride-on operator seat.
- Heavy-duty welded steel chassis.
- Compact design for confined work areas.
- Low maintenance and fuel-efficient operation.

Applications

- Asphalt road construction
- Road repair and maintenance
- Footpaths and walkways
- Parking areas
- Residential projects
- Industrial flooring
- Landscaping
- Soil and gravel compaction
- Trench backfilling
- Municipal infrastructure projects

Advantages

- Compact size for narrow job sites.
- High compaction efficiency with low fuel consumption.
- Smooth hydraulic travel and steering.
- Reliable Greaves diesel engine with excellent service support.
- Comfortable operation with reduced operator fatigue.
- Strong and durable construction for long service life.
- Easy maintenance and low operating costs.



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Thank you

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