



**SHREE JI GLOBAL IMPEX**

## **Double Drum Ride-on Roller FVR1200**



**The FVR1200 Ride-On Vibratory Roller is a heavy-duty double drum hydraulic ride-on roller designed for efficient compaction of asphalt, soil, gravel, sand, and paving materials. Powered by a 13 HP diesel engine, it delivers high compaction performance with hydraulic drive, hydraulic steering, and an electromagnetic vibration clutch. The FVR1200 is ideal for road construction, municipal projects, parking areas, industrial sites, landscaping, and foundation preparation.**



## Technical Specifications

| Specification                  | Details                                                   |
|--------------------------------|-----------------------------------------------------------|
| <b>Model</b>                   | FVR1200                                                   |
| <b>Machine Type</b>            | Ride-On Double Drum Vibratory Roller                      |
| <b>Structural Type</b>         | Hydraulic Double Drum Ride-On Roller                      |
| <b>Engine Type</b>             | Air-Cooled Diesel Engine                                  |
| <b>Engine Power</b>            | <b>13 HP</b>                                              |
| <b>Starting System</b>         | Electric Start (Hand & Electric Start on selected models) |
| <b>Drive System</b>            | Hydraulic Double Drive                                    |
| <b>Steering System</b>         | Hydraulic Steering                                        |
| <b>Roller Type</b>             | Double Drum Vibratory Roller                              |
| <b>Operating Weight</b>        | <b>1200 kg</b>                                            |
| <b>Static Compaction Force</b> | 1200 kg                                                   |
| <b>Centrifugal Force</b>       | <b>50 kN</b>                                              |
| <b>Compaction Capacity</b>     | Approx. <b>5 Ton</b>                                      |
| <b>Drum Width</b>              | <b>800 mm</b>                                             |
| <b>Steel Drum Size</b>         | <b>500 × 800 mm</b>                                       |
| <b>Travel Speed</b>            | <b>0–5 km/h</b>                                           |
| <b>Gradeability</b>            | <b>30%</b>                                                |
| <b>Vibration Frequency</b>     | <b>70 Hz</b>                                              |
| <b>Vibration Control</b>       | Electromagnetic Clutch                                    |
| <b>Fuel Tank Capacity</b>      | <b>5 Litres</b>                                           |
| <b>Water Tank Capacity</b>     | <b>60 Litres</b>                                          |
| <b>Dimensions (L × W × H)</b>  | <b>2100 × 1000 × 1650 mm</b>                              |

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



## Key Features

- Heavy-duty 1200 kg operating weight.
- Powerful 13 HP air-cooled diesel engine.
- Hydraulic double drum drive system.
- Hydraulic steering for smooth operation.
- 50 kN centrifugal force for effective compaction.
- Electromagnetic vibration clutch.
- Double smooth steel drums for uniform compaction.
- Electric start for quick engine starting.
- Integrated 60 L water sprinkler system.
- Compact design with excellent maneuverability.
- Suitable for confined work areas.
- Rugged steel construction with low maintenance.

## Applications

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

## Advantages

- Excellent compaction performance for asphalt and soil.
- Hydraulic drive provides smooth forward and reverse movement.
- Compact size for narrow and confined work areas.
- High vibration force ensures uniform compaction.
- Comfortable ride-on operation reduces operator fatigue.
- Durable construction for long service life.
- Low operating and maintenance costs.
- Ideal for contractors, municipalities, and infrastructure projects.



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# Thank you

**Contact us** at +91-9218175959, 9218175960

**Email:** [contact@shreejiglobalimpex.com](mailto:contact@shreejiglobalimpex.com)  
[purchase.sigi@gmail.com](mailto:purchase.sigi@gmail.com)

**Website:** [www.shreejiglobalimpex.com](http://www.shreejiglobalimpex.com)

**Address:** B-56, F.F, Kh. no. 14/8, Village Dabri,  
Harijan Basti, Sitapuri, Delhi-110045



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