

## Hydrostatic Vibratory Rollers

### RD 16-90

#### High quality roller offers maximum compaction performance

» WACKER's RD 16 roller features dual drum drive for maximum traction and articulated steering for extremely accurate control. Diesel-powered unit offers dual drum vibration for a high quality asphalt finish. Outstanding overall roller performance and a high exciter frequency allows compaction at faster speeds while still delivering even coverage and excellent results. «



#### WACKER

- ▣ Reliable
- ▣ Trustworthy
- ▣ Accessible
- ▣ Responsive

#### Additional Advantages:

- + Pressurized water system offers consistent water flow. An eight-position timer allows operator to adjust water flow and match conditions.
- + Overall machine design eliminates overhang of unit. Easily maneuverable unit provides flush, right up to the edge asphalt compaction.
- + Rear platform and front hood tilt up for easy access and improved machine serviceability.
- + The CE compliant RD 16 features a reliable Lombardini diesel engine for high performance and standard foldable ROPS for easy transport and storage.
- + Ergonomically designed operator's platform features a fully adjustable suspension seat for maximum comfort and the sloped hood provides for excellent visibility.
- + Designed for compacting base and finish layers of asphalt as well as granular subbase material in confined areas. Ideal for parking lots, driveways and shoulder work.



Technical Data		RD 16-90
Dry weight	lb (kg)	2990 (1356)
Operating weight (includes 175-pound operator and half-full water and fuel tank)	lb (kg)	3274 (1485)
Drum diameter	in (mm)	22 (560)
Drum width	in (mm)	35.4 (900)
Overall size (l x w x h) (height to top of beacon)	in (mm)	76.8 x 39.4 x 100.3 (1950 x 1000 x 2545)
Curb clearance (R and L)	in (mm)	15.7 (400)
Side clearance (R and L)	in (mm)	1.9 (45)
Water tank capacity	gal (l)	26.4 (100)
Shipping weight	lb (kg)	3165 (1436)
Shipping size (l x w x h) (with ROPS down)	in (mm)	79.8 x 42.5 x 77.7 (2025 x 1085 x 1975)
Engine type	liquid-cooled, 4-cycle, 3-cylinder, diesel engine	
Engine manufacturer	Lombardini LDW 1003	
Starting system	Electric	
Displacement	in <sup>3</sup> (cm <sup>3</sup> )	62.7 (1028)
Maximum power at	hp (kW)	26.8 (20) 3600
Rated power (per DIN ISO 3046) at	hp (kW) rpm	24.5 (16.5) 3000
Fuel consumption	gal (l)/h	1.0 (3.6)
Fuel tank capacity	gal (l)	6.1 (23)
Electrical system	Vdc	12
Number of vibrating drums	2	
Dynamic (centrifugal) force per drum	lb (kN)	3400 (15)
Frequency	vpm (Hz)	4200 (70)
Static linear force, front/rear	lb/in (kg/cm)	43.2/49.3 (7.7/8.8)
Dynamic linear force, front	lb/in (N/mm)	96 (16.8)
Forward/reverse speed (Infinitely variable)	mph (km/h) ft (m)/min	0-5.8 (0-9.3) 0-510 (0-156)
Maximum gradeability	%	30
Outside turning radius	ft (m)	9.6 (2.9)
Max. area capacity	ft <sup>2</sup> (m <sup>2</sup> )/h	90,270 (8386)

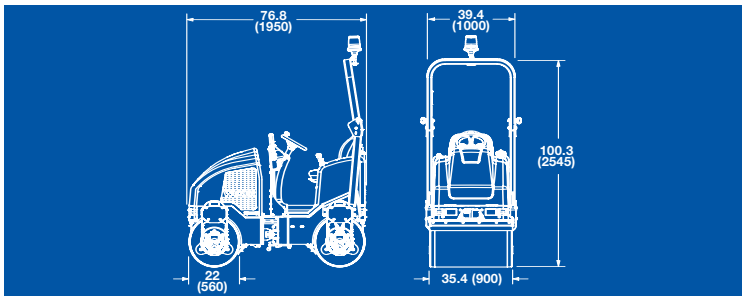
**Standard Package**

Hydrostatic Vibratory Rollers RD 16-90 includes operator's manual and parts book.

**Model Guide**

R = Roller, D = Double drum  
 16 = Weight class, kg\100  
 90 = Drum width, cm

Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development.