

# RD 16-100 Hydrostatic Vibratory Roller

Item Number: 0620402

# RD 16-100

## Quality rollers offer maximum compaction performance

>> The 1.5-ton roller series from Wacker Neuson features dual drum drive for maximum traction and articulated steering for extremely accurate control. Diesel powered units offer a high quality finish for asphalt applications. Outstanding overall roller performance and a high exciter frequency allows compaction at faster speeds while still delivering even coverage and excellent results. <<



## Additional Advantages

- Pressurized water system offers consistent water flow. An eight-position timer allows the operator to adjust water flow and match conditions.
- Overall machine design eliminates overhang of unit. Easily maneuverable units provide 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 rollers feature 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 allows 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.



Description	Metric	Imperial
Overall size l x w x h	1950 x 1102 x 2547 mm	76.8 x 43.4 x 100.3 in
Operating weight (includes 175 lb. operator, half-full water tank and half-full fuel tank)	1520 kg	3351 lb
Shipping size	2026 x 1181 x 1974 mm	79.8 x 46.5 x 77.7 in
Shipping weight (including packaging)	1471 kg	3242 lb
Dry Weight	1391 kg	3067 lb
Engine Type	liquid-cooled, 4-stroke, Lombardini diesel, LDW 1003	
Displacement	1028 cm <sup>3</sup>	62.7 in <sup>3</sup>
Max. Rated Power at Rated Speed*	16.8 kW at 2850 rpm	22.5 hp at 2850 rpm
Power Rating Specification	ISO 3046/1-IFN	ISO 3046/1-IFN
Electrical system	12 V	12 V
Number of vibrating drums		2 / 1
Frequency	70 Hz	4200 vpm
Drum diameter	560 mm	22 in
Drum width	1000 mm	39.4 in
Dynamic (centrifugal) force per drum	15 kN	3400 lbf
Dynamic linear force per drum (max.)	15.1 N/mm	86.3 lb/in
Forward/reverse speed (Infinitely variable)	0 - 9.3 km/h	0 - 5.8 mph
Outside turning radius	3 m	9.8 ft
Curb clearance (R/L)	400 / 400 mm	15.7 / 15.7 in
Side clearance (R/L)	44 / 44 mm	1.9 / 1.9 in
Max. area capacity	9300 m <sup>2</sup> /h	100100 ft <sup>2</sup> /h
Maximum gradeability	30 %	30 %
Water tank capacity	100 l	26.4 US gal
Fuel consumption	3.6 l/h	.96 US gal/h
Fuel tank capacity	23 l	6.1 US gal

### Standard Package - RD 16-100

Includes operator's manual and parts book.

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

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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