

# RD 12-90 Hydrostatic Vibratory Roller

Item Number: 0620059

# RD 12-90

## High performance rollers offer excellent compaction results

>> Wacker Neuson's RD 12 one ton roller series features dual drum drive and articulated steering for extremely accurate control. Front drum vibration with static rear drum leaves a 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.

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## 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 units provide flush, right up to the edge asphalt compaction.
- Rear platform and front hood tilt up for easy access and improved machine serviceability.
- Rollers offer reduced sound levels; units run quieter than competitive machines in same class.
- Ideally suited for compaction of level sublayers and finish layers on road repairs, driveways, parking lots and any asphalt surface.



Description	Metric	Imperial
Overall size l x w x h	1824 x 1035 x 2300 mm	71.8 x 40.8 x 90.6 in
Dry Weight	985 kg	2171 lb
Operating weight (includes 175 lb. operator, half-full water tank and half-full fuel tank)	1130 kg	2491 lb
Weight w/ballast in rear drum	1220 kg	2689 lb
Shipping weight (including packaging)	1012 kg	2230 lb
Shipping size	2026 x 1083 x 1472 mm	79.8 x 42.6 x 58 in
Engine Type	air-cooled, 4-cycle 2-cylinder, Robin, Gasoline	
Displacement	653 cm <sup>3</sup>	39.9 in <sup>3</sup>
Max. Rated Power at Rated Speed*	15.3 kW at 3600 rpm	20.5 hp at 3600 rpm
Power Rating Specification	SAE J1349	SAE J1349
Starting system	Electric	Electric
Electrical system	12 V	12 V
Fuel consumption	6 l/h	1.35 US gal/h
Fuel tank capacity	23 l	6.1 US gal
Water tank capacity	100 l	26.4 US gal
Number of vibrating drums	1	
Drum diameter	560 mm	22 in
Drum width	900 mm	35.4 in
Frequency	70 Hz	4200 vpm
Dynamic (centrifugal) force per drum	15 kN	3400 lbf
Dynamic linear force, front	16.8 N/mm	96 lb/in
Forward/reverse speed (Infinitely variable)	0 - 8.7 km/h	0 - 5.4 mph
Max. area capacity	7830 m <sup>2</sup> /h	84281 ft <sup>2</sup> /h
Maximum gradeability	30 %	30 %
Outside turning radius	2.4 m	8 ft
Side clearance (R/L)	44 / 89 mm	1.9 / 3.5 in
Curb clearance (R/L)	399 / 208 mm	15.7 / 8.2 in

### Standard Package - RD 12-90

Includes operator's manual and parts book. Some units feature folding ROPS as part of standard package.

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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