

RD 27-120 Hydrostatic Vibratory Roller

Item Number: 0620396

RD 27-120

Rollers offer complete versatility and outstanding performance

>> Wacker Neuson's RD 27 series provides the ultimate in compaction versatility. Each model offers a choice of high or low compaction force to fit a variety of conditions and applications. Dual frequency per drum is throttle lever controlled and accurately matches the roller to the job. Lower centrifugal force is ideal for asphalt applications while higher centrifugal force is better suited for work on granular subbases. <<



Additional Advantages

- Air filtration system features a two-stage cyclonic filter and an easy to read filter minder for longer life.
- Large hood opens to fully expose engine and internal components for easy access and better serviceability.
- Intermittent sprinkler system offers a three-stage filter system for added reliability and removable water tank has large drain nozzle for efficient emptying.
- Ergonomically designed operator's station offers excellent visibility. Operator comfort is maximized with heavy-duty shockmounts to reduce HAV (hand-arm vibration).
- All models feature standard, foldable ROPS (Roll Over Protection System).
- Units feature a reliable liquid-cooled, Perkins diesel engine for quality performance and high productivity.

Description	Metric	Imperial
Overall size l x w x h	2500 x 1305 x 2770 mm	99 x 51 x 109 in
Operating weight (includes 175 lb. operator, half-full water tank and half-full fuel tank)	2824 kg	6226 lb
Shipping size	2500 x 1305 x 2770 mm	99 x 51 x 109 in
Shipping weight (including packaging)	2820 kg	6217 lb
Dry Weight	2582 kg	5692 lb
Engine Type	Liquid cooled, 3-cylinder, 4-stroke, Perkins diesel 403D-15	
Displacement	1500 cm ³	91.5 in ³
Max. Rated Power at Rated Speed*	24.4 kW at 2800 rpm	32.7 hp at 2800 rpm
Power Rating Specification	ISO 14396	ISO 14396
Electrical system	12 V	12 V
Number of vibrating drums	2 / 1	
Frequency	66 Hz	3960 vpm
Drum diameter	700 mm	28 in
Drum width	1200 mm	47 in
Dynamic (centrifugal) force per drum	41.5 kN	9330 lbf
Dynamic linear force per drum (max.)	35 N/mm	198 lb/in
Forward/reverse speed (Infinitely variable)	0 - 10 km/h	0 - 6.2 mph
Outside turning radius	4 m	12 ft
Curb clearance (R/L)	474 mm	19 in
Side clearance (R/L)	51 mm	2 in
Max. area capacity	12000 m ² /h	129167 ft ² /h
Maximum gradeability	35 %	35 %
Water tank capacity	150 l	40 US gal
Fuel consumption	7 l/h	2 US gal/h
Fuel tank capacity	51 l	13.5 US gal

Standard Package - RD 27-120

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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