

Hydrostatic Vibratory Rollers

RD 12-90
RD 12A-90

RD

High performance rollers offer excellent compaction results

»» This RD 12 one-ton roller series from Wacker Neuson 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. ««



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.
- **Rollers offer reduced sound levels;** units run quieter than competitive machines in the same class.
- **Ideally suited for a variety of compaction applications** including compaction of level sublayers and finish layers on road repairs, driveways, parking lots and any asphalt surface.



**WACKER
NEUSON**

Technical Data

		RD 12-90	RD 12A-90
Dry weight	lb (kg)	2171 (1002)	2171 (1002)
Operating weight (includes 175-pound operator and half-full water and fuel tanks)	lb (kg)	2490 (1130)	2490 (1130)
Weight w/ ballast in the rear drum	lb (kg)	2690 (1220)	2690 (1220)
Drum diameter	in (mm)	22 (560)	22 (560)
Drum width	in (mm)	35.4 (900)	35.4 (900)
Overall size (l x w x h) (height to top of ROPS)	in (mm)	71.8 x 40.8 x 90.6 (1825 x 1035 x 2300)	71.8 x 40.8 x 90.6 (1825 x 1035 x 2300)
Curb clearance (R and L)	in (mm)	15.7/8.2 (400/210)	15.7/8.2 (400/210)
Side clearance (R and L)	in (mm)	1.9/3.5 (45/90)	1.9/3.5 (45/90)
Water tank capacity	gal (l)	26.4 (100)	26.4 (100)
Shipping weight	lb (kg)	2230 (1012)	2230 (1012)
Shipping size (l x w x h) (with ROPS down)	in (mm)	79.8 x 42.5 x 58 (2025 x 1085 x 1470)	79.8 x 42.5 x 58 (2025 x 1085 x 1470)
Engine type		air-cooled, 4-cycle, 2-cylinder, gasoline engine WM 650	gasoline engine Honda GX 610
Starting system		Electric	Electric
Displacement	in ³ (cm ³)	39.9 (653)	37.5 (614)
Max. rated power at rated speed	hp (kW) rpm	20.5 (15.3) 3600	16.6 (12.4) 3600
Power rating specification		SAE J1995	SAE J1349
Operating speed	rpm	3100	3100
Fuel consumption	gal (l)/h	1.3 (4.9)	1.3 (4.9)
Fuel tank capacity	gal (l)	6.1 (23)	6.1 (23)
Electrical system	Vdc	12	12
Number of vibrating drums		1	1
Dynamic (centrifugal) force per drum	lb (kN)	3400 (15.2)	3400 (15.2)
Frequency	vpm (Hz)	4200 (70)	3900 (65)
Static linear force (front/rear)	lb/in (kg/cm)	28/41.2 (5.0/7.4)	28/41.2 (5.1/7.4)
Dynamic linear force (front)	lb/in (N/mm)	96 (16.8)	96 (16.8)
Forward/reverse speed (infinitely variable)	mph (km/h) ft (m)/min	0-5.4 (0-8.7) 0-475 (0-145)	0-5.4 (0-8.7) 0-475 (0-145)
Maximum gradeability	%	30	30
Outside turning radius	ft (m)	8.0 (2.5)	8.0 (2.5)
Maximum area capacity	ft ³ (m ³)/h	84,100 (7800)	84,100 (7800)

Standard Package

Hydrostatic Vibratory Rollers includes operator's manual and parts book.

RD 12-90
RD 12A-90

Model Guide

R = Roller, D = Double Drum
12 = Weight class (kg\100)
90 = Drum width (cm), A = Honda engine

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.

