

Hydrostatic Vibratory Rollers

RD 12-90

RD 12A-90

High performance rollers offer excellent compaction results

» WACKER'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. «



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 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.

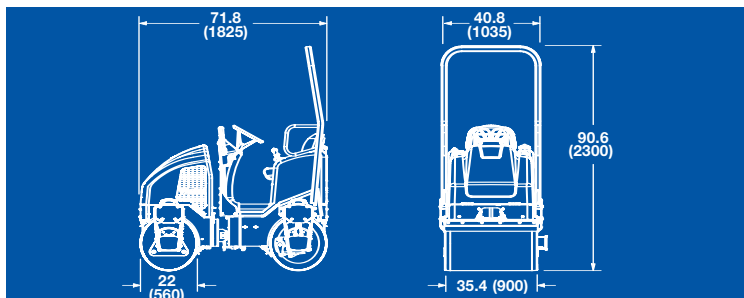


Technical Data		RD 12-90	RD 12A-90
Dry weight	lb (kg)	2171 (1002)	2171 (1002)
Operating weight (includes 175-pound operator and half-full water and fuel tank)	lb (kg)	2490 (1130)	2490 (1130)
Weight w/ ballast in rear drum	lb (kg)	2690 (1220)	2690 (1220)
Drum diameter	in (mm)	22 (560)	22 (560)
Drum width	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 (48/90)
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 58.0 (2025 x 1085 x 1470)	79.8 x 42.5 x 58.0 (2025 x 1085 x 1470)
Engine type	air-cooled, 4-cycle, 2-cylinder, gasoline engine		
Engine manufacturer		WACKER WM 650	Honda GX 610
Starting system		Electric	Electric
Displacement	in ³ (cm ³)	39.9 (653)	37.5 (614)
Maximum power at	hp (kW)	20.5 (15.3) 3600	18 (13.4) 3600
Rated power (per DIN ISO 3046) at	hp (kW) rpm	16.5 (12.3) 3100	15.8 (11.8) 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)	3400 (15)
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 (5.0/7.4)
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)
Max. area capacity	ft ² (m ²)/h	84,100 (7800)	84,100 (7800)

Standard Package	
Hydrostatic Vibratory Rollers RD 12-90 RD 12A-90	includes operator's manual and parts book.

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.