



RD 12

Ride-on Rollers



High performance rollers offer excellent compaction results

The 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.

- Easily maneuverable units provide flush compaction to curbs and obstructions.
- Pressurized water system offers consistent water flow. An eight position timer allows the operator to adjust water flow to match conditions.
- Rear platform and front hood tilt up for easy access and improve machine serviceability.
- Rollers offer reduced sound levels; units run quieter than competitive machines in the same class.

**Technical specifications**

	RD12-90	RD12A-90
Operating data		
Operating weight w/175 lb operator lb	2,689	2,689
L x W x H in	72 x 41 x 91	72 x 41 x 91
Drum width in	35.4	35.4
Drum diameter in	22	22
Side clearance Right in	1.9	1.9
Side clearance Left in	3.9	3.5
Curb clearance Right in	15.7	15.7
Curb clearance Left in	8.2	8.2
Centrifugal force Dynamic (Front Drum) lbf	3,400	3,400
Frequency Hz	70	70
Linear force Static (Front/Rear) lb/in	28/41	28/41
Linear force Dynamic (Front) lb/in	96	96
Travel speed Forward mph	5.4	5.4
Travel speed Reverse mph	5.4	5.4
Surface capacity Area ft ² /h	84,281	84,281
Gradeability Maximum %	30	30
Turning radius Outside in	96.5	96.5
Engine / Motor		
Engine / Motor type	air-cooled, 2-cylinder, gasoline engine	air-cooled, 2-cylinder, gasoline engine
Engine / Motor manufacturer	Wacker WM 650	Honda GX 630
Displacement in ³	39.9	42
RPM / speed Operating Speed rpm	3,100	3,100
Operating performance Max Rated at 3600 rpm hp	20.5	20.3
Fuel consumption US gal/h	1.35	1.6
Tank capacity Fuel US gal	6.1	6.1
Tank capacity Water US gal	26.4	26.4



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Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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