

RD12A-90

Tandem Roller

High performance for excellent compaction results

The RD12 tandem vibratory roller with a dual drum drive and articulated steering for excellent maneuverability. With a front vibrating drum and rear static drum it offers efficiency compaction results in a compact package. This machine is ideally suited for commercial and residential compaction of asphalt and granular subbase material. Primary applications include parking lots, driveways, secondary roads, repair work and nature trails. Additionally, the RD12 is utilized for turf rolling in the landscape and golf industry segments.

Highlights

- Ergonomic Operator Platform
- Optimized curb and side clearance
- Excellent drum visibility
- Fully integrated operating lever
- Industry leading service access
- Dual drum hydrostatic drive system

Technical Data

Mechanical - Output Details

Centrifugal force	3,400 lbf
Area capacity	77,995.9 ft2/h
Gradeability max. (without vibration)	30.0 %
Linear force dynamic front	424.2 000014
Linear force dynamic rear	0.0 000014
Travel speed	0.0 - 5.0 m/H
Linear force static (front)	139.7 000014
Linear force static (rear)	177.8 000014
Oscillation Angle	12.0 °
Force/Drum (dynamic) front	3,372 lbf
Travel speed (reverse)	0.0 - 5.0 m/H

Mechanical Details

Length	74.0 in
Width	38.8 in
Height	90.6 in
Thickness Drum Sheet	0.4 in
Drum diameter	22.0 in
Side clearance left	1.7 in
Side clearance right	1.7 in
Curb clearance right	15.7 in
Curb clearance left	15.7 in
Turning radius inside	76.8 in
Drum width	35.4 in
Wheelbase	52.0 in
Weight Drum (static) Front	1,108.9 lb

Engine

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder	2.0
Fuel consumption	1.6 GPH US
Tank capacity	6.3 gal US
Power rating max.	20.2 hp
Engine speed (Power max.)	3,600.0 1/min
Operating Engine speed	3,100.0 1/min
Engine Manufacturer	Honda

Operating Fluids

Water tank capacity	34.6 gal US

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Chassis

Steering angle max.	34
Brake	Mech. parking brake
Steering	hydraulics

Shipping and Storage

Length for shipping	79.8 in
Width for shipping	41.7 in
Height for shipping	78.2 in
Shipping weight	2,319.3 lb

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