

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	15 kN
Area capacity	7,246.0 m²/h
Gradeability max. (without vibration)	30.0 %
Linear force dynamic front	16.7 N/mm
Linear force dynamic rear	0.0 N/mm
Travel speed	0.0 - 8.0 km/h
Linear force static (rear)	7.0 N/mm
Oscillation Angle	12.0 °
Force/Drum (dynamic) front	15 kN
Force/Drum (dynamic) rear	0 kN
Travel speed (reverse)	0.0 - 8.0 km/h

Mechanical Details

Length	1,880.0 mm
Width	986.0 mm
Height	2,300.0 mm
Drum diameter	560.0 mm
Side clearance right	43.0 mm
Curb clearance right	400.0 mm
Curb clearance left	400.0 mm
Turning radius inside	1,950.0 mm
Wheelbase	1,321.0 mm
Weight Drum (static) Front	503.0 kg
Weight Drum (static) Rear	649.0 kg

Engine

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder	2.0
Fuel consumption	6.0 l/h
Tank capacity	23.8 l
Power rating max.	15.1 kW
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	131.0 l

Chassis

Steering angle max.	34
Brake	Mech. parking brake

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Steering	hydraulics

Shipping and Storage

Length for shipping	2,026.0 mm
Width for shipping	1,058.0 mm
Height for shipping	1,987.0 mm
Shipping weight	1,052.0 kg

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