



RD7Afb HRC

Walk-behind roller

Achieving the perfect work results with ease

The RD7 walk-behind dual-vibration roller delivers excellent performance in both soil and asphalt compaction - thanks to the optimally integrated frequency and two vibration stages. As a result, the roller is characterized by its ergonomically arranged operator controls, such as, the engine rpm adjuster attached to the center pole. Even the easy, tool-free access to all service points makes the RD7 a simple and economical solution for every construction site.

Highlights

- All control elements are located directly on the guide handle
- Engine speed adjustment for engines with three positions (Off, Idle, Full Throttle) directly on the guide handle
- Good visibility on fill levels
- Ergonomic handle and travel lever with recessed handles
- Two vibration stages for various subbases

Technical Data

■ Mechanical - Output Details

Transmission	Hydrostatic with electronic control unit
Area capacity	31,161.8 ft ² /h
Gradeability	26.0 %
Gradeability max. (without vibration)	33.0 %
Operating speed [km/h]	4.3 km/h
Vibrations (Hz)	56.0 Hz
Linear force dynamic front	439.4 000014
Linear force dynamic rear	439.4 000014
Total Linear Force/Drum (front)	574.3 000014
Total Linear Force/Drum (rear)	574.3 000014
Travel speed	2.8 m/H
Centrifugal force Level I	3,034.9 lbf
Centrifugal force Level II	5,058.2 lbf
Linear force static (front)	134.9 000014
Exciter Type	Hydraulic
Travel speed (reverse)	1.6 m/H

Dry Weight 1,455.1 lb

Drum diameter 15.7 "

Side clearance left 8.9 "

Side clearance right 8.9 "

Curb clearance right 13.8 "

Curb clearance left 13.8 "

Drum width 25.6 "

Wheelbase 19.7 "

Weight Drum (static) Front 310.9 lb

■ Environment Data

Sound level LpA	85.0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	101.0 dB(A)
Sound power LWA, guaranteed	108.0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	8.2 ft/s ²

■ Electrical System

Tank capacity 0.8 gal US

■ Operating Fluids

Water tank capacity 15.9 gal US

Exciter oil type ISO VG 220

Hydraulic fluid volume	5.3 qt US
Hydraulic fluid type	ISO VG 46
Lubricant type for non-drive side bearing	KP2P-30 (DIN 51502)

■ Chassis

Brake	Surge brake
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Available engines

Honda GX390UT2X-SX-Q4-OH

Cylinder capacity	23.7 Inch ³
Fuel consumption	0.5 GPH US
Tank capacity	1.6 gal US
Effective power	8.6 PS
Operating power	7.5 PS
Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder	1
Fuel	Gasoline
Standard (Effective power)	SAE J1349
Standard (Operating power)	SAE J1349
Starter type	Recoil starter
Engine Manufacturer	Honda