



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

■ Mechanical Details

Width	28.3 "
Thickness Drum Sheet	0.4 "
Operating weight	1,521.2 lb

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
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■ 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 Inch3
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