

# RD7

## Walk-behind Rollers



**WACKER  
NEUSON**  
*all it takes!*



### Achieving the perfect work results with ease

The hand-guided double-drum vibratory roller, RD7, supplies 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 drawbar. Even the easy, tool-free access to all service points makes the RD7 a simple and economical solution for every construction site.

- Easy turning as a result of the long drawbar
- Tight side clearance and more curb freedom for clean working on edges, supported by two scraper bars per drum for a cleaner asphalt surface
- Automatic hydraulic parking brake increases safety, especially when on a slope
- Quickly get ready for transport due to the large tie-down points on all sides and a drawbar locking mechanism automatically operable by foot pedal
- Hand-arm vibrations of less than 2.5 m/s<sup>2</sup> for more working comfort

## RD7 Technical specifications

	RD7Y	RD7H	RD7A
<b>Operating data</b>			
Operating weight min. kg	697	717	687
Operating weight max. kg	710	735	690
L x W x H Drawbar in working position mm	2,467 x 2,467 x 1,200	2,467 x 720 x 1,200	2,467 x 720 x 1,200
L x W x H Drawbar in the transport position mm	1,351 x 720 x 1,990	1,351 x 720 x 1,990	1,351 x 720 x 1,990
Drum width mm	650	650	650
Drum diameter mm	400	400	400
Lateral Overhang Right mm	30	30	30
Lateral Overhang Left mm	30	30	30
Curb clearance Right mm	22.5	22.5	22.5
Curb clearance Left mm	22.5	22.5	22.5
Centrifugal force max. kN	22.5	22.5	22.5
Frequency Stage I Hz	46	46	46
Frequency Stage II Hz	56	56	56
Linear force - front / rear Static N/mm	5.3 / 5.3	5.3 / 5.3	5.3 / 5.3
Linear force - front / rear Dynamic N/mm	17.3 / 17.3	17.3 / 17.3	17.3 / 17.3
Travel speed Forward km/h	4.5	4.5	4.5
Travel speed Reverse km/h	2.5	2.5	2.5
Surface capacity m <sup>2</sup> /h	2,895	2,895	2,895
Gradeability %	33	33	33
Hand-arm vibrations m/s <sup>2</sup>	< 2.5	< 2.5	< 2.5
<b>Engine / Motor</b>			
Engine / Motor type	Air-cooled, one-cylinder, four-stroke diesel engine	Air-cooled, one-cylinder, four-stroke diesel engine	Air-cooled, one-cylinder, four-cycle gasoline engine
Engine / Motor manufacturer	Yanmar	Hatz	Honda
Engine / Motor manufacturer - Available variants	Yanmar, Hatz, Honda	Yanmar, Hatz, Honda	Yanmar, Hatz, Honda
Displacement cm <sup>3</sup>	445	445	389
Operating performance kW	6	6.1	5.6
at rpm rpm	2,600	2,600	2,600
Engine performance kW	6.8	7.5	8.7
at rpm rpm	3,600	3,600	3,600
CO <sub>2</sub> (NRSC) g/kWh	964	1,020.16	743
<b>Filling capacities</b>			
Fuel tank capacity l	6.1	6.1	6.1
Water tank capacity l	60	60	60

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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