



RD7

Tandem Rollers



Multipurpose roller provides excellent results: RD7

The RD 7 walk-behind double drum vibratory rollers (tandem) are easy to maneuver while performing a wide range of soil and asphalt compaction applications. The exclusive compact design allows for tight side clearance on both sides of the roller. These versatile rollers, offer dual smooth drums with beveled edges to effectively compact asphalt and granular materials. The totally hydrostatic drive provides for less maintenance and greater reliability. Available with the choice of gasoline or diesel engines. Optional protection guard kit also available

- Patent-pending handle design offers multiple gripping points for easier control and turning of the unit, plus a center handle allows the operator fine control finishing asphalt
- Open frame design provides for fast cleaning with a pressure washer and easy to access components simplifies service significantly reducing downtime between uses
- Large water tank with easy access cap and quick view of water level provide for longer running time between refills
- Unique foot operated handle lock allows for easy tilting of the handle for storage
- Easy to reach throttle and low/high exciter force controls conveniently located on the shock mounted low vibration handle increases operator comfort

Ergonomic handle design



- Ergonomic design for multiple operation conditions
- Side grips and handle for control while turning
- Center handle for finer control
- On handle exciter activation
- On handle throttle control and low/high exciter force control
- Unique foot operated lock allows for easy tilting of the handle



Open frame design

- Easy access to many components as scrapers, water bars, water hoses
- Simple disassembly for service – remove bolts and the entire side can be removed
- Easy access for cleaning
- Frame openings for service tool access
- All control cables have a lip seal and bellows to prevent dust and water damage



Water system



- The easy access water tank cap is side mounted to avoid damage from lifting devices
- 60 L / 15.6 US Gal. plastic water tank with water level view strip
- Easy access to water valve
- Holes in frame provide access for cleaning water bars



Service network

We are always there for you: Thanks to our close-knit service network, you can always rely on our quick support.



First-class compaction performance

Regardless of which of our models you choose – one thing is certain: You will be impressed with the compaction performance of our rollers. Guaranteed!



Finely tiered model selection

Different tonnages and a diverse selection of tandem-axle rollers with vibration and oscillating drums as well as combination rollers: Choose exactly the model that you need for your project.



Built-in user comfort

All of the Wacker Neuson models can be easily operated for particularly pleasant work.

Technical specifications

	RD7H	RD7He	RD7A
Operating data			
Operating weight (water tank half full)* lb	1,612.5	1,656.6	1,545.1
Operating weight (water tank half full) lb	1,579.4	1,623.5	1,512
L x W x H (guide handle in operating position) in	93.1 x 27.5 x 45.7	93.1 x 27.5 x 45.7	93.1 x 27.5 x 45.7
Drum width in	25.6	25.6	25.6
Drum diameter in	16.5	16.5	16.5
Side clearance (right/left) in	0.99	0.99	0.99
Curb clearance (right/left) in	8.24	8.24	8.24
Centrifugal force high lbf	4,998	4,998	4,998
Centrifugal force low lbf	2,935	2,935	2,935
Frequency high Vpm	3,726	3,726	3,726
Frequency low Vpm	2,850	2,850	2,850
Amplitude drum in	0.029	0.029	0.029
Linear force (static) front/rear* lb/in	26.33 / 36.66	26.33 / 36.66	24.16 / 36.19
Linear force (static) front/rear lb/in	25.68 / 36.02	27.40 / 36.02	23.52 / 35.55



	RD7H	RD7He	RD7A
Linear force (dynamic) front/rear - high lb/in	97.61 / 97.61	97.61 / 97.61	97.61 / 97.61
Linear force (dynamic) front/rear - low lb/in	57.31 / 57.31	57.31 / 57.31	57.31 / 57.31
Total force Applied - high* lbf	6,611.6	6,654.1	6,542.6
Total force Applied - low* lbf	4,546.6	4,590.7	4,479.24
Total force Applied - high lbf	6,576.9	6,621	6,509.5
Total force Applied - low lbf	4,513.54	4,557.64	4,446.14
Travel speed forward max. mph	2.8	2.8	2.8
Travel speed reverse max. mph	1.6	1.6	1.6
Surface capacity max. ft ² /h	31,108	31,108	31,108
Gradeability with vibration %	40	40	40
Gradeability without vibration %	45	45	45
Engine / Motor			
Engine / Motor type	Air-cooled single-cylinder 4-stroke diesel engine	Air-cooled single-cylinder 4-stroke diesel engine	Air-cooled single cylinder 4 cycle gasoline engine
Engine / Motor manufacturer	Hatz 1D42S	Hatz 1D42S	Honda GX390 UT2 SXQ5
Displacement in ³	27.2	27.2	23.7
RPM / speed rpm	2,600	2,600	2,700
Operating performance hp	8.2	8.2	9.7
Tank capacity fuel US gal	1.3	1.3	1.58
Tank capacity water US gal	15.8	15.8	15.8

* For Machines with Guards

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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