

# RD7

## Tandem Rollers



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



### **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

## RD7 Technical specifications

### Operating data

Operating weight (water tank half full)*	1,545 lb
Operating weight (water tank half full)	1,512 lb
L x W x H (guide handle in operating position)	93.1 x 27.5 x 45.7 in
Drum width	25.6 in
Drum diameter	16.5 in
Side clearance (right & left)	1 in
Curb clearance (right/left)	8.2 in
Centrifugal force high	4,998 lbf
Centrifugal force low	2,935 lbf
Frequency high	3,725 Vpm
Frequency low	2,850 Vpm
Amplitude drum	0.029 in
Linear force	/ lb/in
Linear force - front / rear (static)*	24.2 / 36.2 lb/in
Linear force - front / rear (static)	23.5 / 35.6 lb/in
Linear force - front / rear (dynamic) - high	97.6 / 97.6 lb/in
Linear force - front / rear (dynamic) - low	57.3 / 57.3 lb/in
Total force Applied - high*	6,542 lbf
Total force Applied - low*	4,479 lbf
Total force Applied - high	6,510 lbf
Total force Applied - low	4,446 lbf
Travel speed forward max.	2.8 mph
Travel speed reverse max.	1.6 mph
Surface capacity max.	31,108 ft <sup>2</sup> /h
Gradeability with vibration	40 %
Gradeability without vibration	45 %

### Engine / Motor

Engine / Motor type	Air-cooled single cylinder 4 cycle gasoline engine
Engine / Motor manufacturer	Honda GX390
Displacement	23.7 in <sup>3</sup>
RPM / speed	2,600 rpm
Operating performance	9.7 hp

### Filling capacities

Tank capacity fuel	1.6 US gal
Tank capacity water	15.8 US gal

\* 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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