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RD 7H-ES Double Drum Vibratory Roller

Item Number 0009408

WACKER's multipurpose roller for excellent productivity

This walk-behind, double drum vibratory roller is capable of 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. Plus the totally hydrostatic drive eliminates mechanical components providing for less maintenance and greater reliability.



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Technical Data – RD 7H-ES

Description	Metric	Imperial
Length x width x height (handle in working position)	2.630 x 700 x 1.165 mm	103.5 x 27.5 x 46 in
Length x width x height (guide handle in transport position)	1.225 X 700 X 2.215 mm	48.3 x 27.5 x 87.2 in
Dry Weight	753 kg	1,660 lb
Operating weight	810 kg	1,785 lb
Drum width	650 mm	25.5 in
Drum diameter	420 mm	16.5 in
Curb clearance (R/L)	234 mm	9.2 in
Side clearance (R/L)	30 mm	1.2 in
Water tank capacity	53 l	14 US gal
Shipping weight (including packaging)	776 kg	1,710 lb
Shipping size	1.475 X 915 X 2.310 mm	58 x 36 x 91 in
Engine Type	air-cooled, 4-cycle single cylinder, low oil shutdown, Hatz diesel	
Starting system	Electric Start or Hand crank	
Displacement	413 cm ³	25.2 in ³
Max. Rated Power	6.3 kW @ 3600 rpm, kW	8.6 kW @ 3600 rpm, hp

@ Rated Speed*			
at	2.600	1/min	2,600 rpm
Power Rating Specification	ISO 3046IFN		
Operating speed	2.600	1/min	2,600 rpm
Fuel consumption	1,67	l/h	.44 US gal/h
Fuel tank capacity	5	l	1.3 US gal
Hydraulic tank capacity	30	l	8 US gal
Dynamic (centrifugal) force	13	kN	2,925 lb
Frequency	55	Hz	3,300 vpm
Static linear force per drum (f/r)	5/7,5	N/mm	29/43 lb/in
Dynamic linear force per drum (f/r)	10,0/10,0	N/mm	57/57 lb/in
Total linear force per drum (f/r)	15,0/17,5	N/mm	86/100 lb/in
Variable speeds - Forward	0-4,0	km/h	0-2.5 mph
Variable speeds - Forward	0-67	m/min	0-220 ft/min
Variable speeds - Reverse	0-2,0	km/h	0-1.2 mph
Variable speeds - Reverse	0-32	m/min	0-105 ft/min
Gradeability without vibration	40	%	40 %
Max. area capacity	2.613	m ² /h	28,115 ft ² /h
Sprinkling system	gravity fed		
Fuel type	Diesel		
Static weight per drum (f/r)	332/498	kg	732/1097 lb

Specifications may change due to continuous product development.

* Actual power output may vary due to conditions of specific use.

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Features and Benefits – RD 7H-ES

- Dual smooth drums with beveled edges compact asphalt and granular materials equally as well for added job versatility.
- Roller features a low oil shutdown for maximum engine protection.
- Guide handle folds for compact storage, and features excellent shock mounting for low vibration to operator.
- Large rubber shock mounts absorb vibration and shock to the upper components, reducing equipment wear and operator fatigue.
- Unit features easy to operate handle with vibration control for improved operator comfort




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and convenience.

- Unique clutch/pump drive system provides easy cold weather starting and allows for no-load starting of engine.

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Manuals – RD 7H-ES

-  [Operator's Manual](#) File Size: 3.11 MB
-  [Parts Manual](#) File Size: 2.72 MB
-  [Repair Manual](#) File Size: 4.07 MB

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Standard Package – RD 7H-ES

- Above package includes basic tool kit, starting crank, operator's manual and parts book.

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