

RD18

Tandem Rollers



**WACKER
NEUSON**
all it takes!



Compact, maneuverable and powerful

The RD18 articulated ride-on rollers offer a large drum diameter combined with the low machine center of gravity to ensure excellent compaction quality. The three-point articulated joint offers constant surface contact for better results, safety and a smoother ride. Unilateral drum support allows for up to the edge compaction on both sides.

- Dual drum vibration with high and low settings
- Maneuverable compact roller for superior compaction for a variety of applications
- Tapered design allows for excellent drum visibility
- Three-point articulated pendulum joint ensures uniform weight distribution for excellent compaction results, maneuverability and stability
- Available as a dual drum roller or a combination roller with front drum vibration and rear pneumatic tires

RD18 Technical specifications

	RD18-100	RD18-80	RD18-100C
Operating data			
Operating weight with roll-over protective structure lb	3,682	3,483	3,594
Operating weight max. lb	4,299	4,057	4,035
L x W x H in	89 x 41.6 x 87	89 x 33.7 x 87	89 x 40.9 x 87
Drum width in	39.4	31.5	39.4
Drum diameter in	24.4	24.4	24.4
Operating width in	41.6	33.7	39.4
Ground clearance middle in	9.1	9.1	9.5
Drum type front	smooth/undivided	smooth/undivided	smooth/undivided
Drum type rear	smooth/undivided	smooth/undivided	Tires
Axle load front lb	1,797	1,687	1,775
Axle load rear lb	1,885	1,797	1,819
Centrifugal force front Level I lbf	5,620	5,620	5,620
Centrifugal force front Level II lbf	3,597	3,597	3,597
Centrifugal force rear Level I lbf	5,620	5,620	
Centrifugal force rear Level II lbf	3,597	3,597	
Frequency Level I Vpm	3,900	3,900	3,900
Frequency Level II Vpm	3,120	3,120	3,120
Amplitude in	0.02	0.02	0.02
Linear force - front / rear static lb/in	46.25 / 49.11	54.82 / 58.24	45.11 / 0
Advance travel max ft/min	600.2	600.2	600.2
Gradeability with vibration %	30	30	30
Gradeability without vibration %	40	40	40
Turning radius inside in	83.9	87.9	83.9
Engine / Motor			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1005	Kubota D1005	Kubota D1005
Operating performance hp	19.9	19.9	19.9
Engine performance ISO 14396 kW	16.8	16.8	16.8
Emission standards stage	Tier 4	Tier 4	Tier 4
Filling capacities			
Tank capacity fuel US gal	8.7	8.7	8.7
Tank capacity water US gal	18.5	18.5	18.5

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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