

# RD24

## Tandem Rollers



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



### Perfect compaction results with a high level of flexibility

The RD24 articulated ride-on rollers offer a large drum diameter combined with a low machine center of gravity to ensure excellent compaction quality. The unique drum offset allows for easy maneuvering when compacting along walls and provides for a smoother finish. The ergonomic operator platform is isolated to reduce vibration, provides plenty of legroom and offers an adjustable seat that moves forward as well as side to side for greater comfort.

- Three point articulated pendulum joint offers constant contact for better results, safety and a smoother ride
- Dual drum vibration with high and low setting
- Tapered design provides full view of the drum edges, the machine and job site
- Three model version available: Tandem-axle roller with two vibrating drums; combination roller with vibrating front drum with pneumatic rear tires; vibrating front drum with oscillating rear drum
- Convenient maintenance and servicing access

## RD24 Technical specifications

	RD24-100	RD24-100C	RD24-100 O
<b>Operating data</b>			
Operating weight with ROPS lb	5,456	5,258	5,567
Operating weight max. lb	7,033	6,856	7,143
L x W x H in	96.9 x 43.7 x 94.1	96.9 x 43.7 x 94.1	96.9 x 43.7 x 94.1
Drum width in	39.4	39.4	39.4
Drum diameter in	28.4	28.4	28.4
Operating width in	41.4	41.4	41.4
Ground clearance middle in	11	11	11
Drum type front	smooth / undivided	smooth / undivided	smooth / undivided
Drum type rear	smooth / undivided	tires	smooth / undivided
Axle load front lb	2,657	2,668	2,657
Axle load rear lb	2,800	2,590	2,910
Curb clearance in	22.5	22.5	22.5
Centrifugal force front Level I lbf	10,340	10,340	10,340
Centrifugal force front Level II lbf	6,295	6,295	6,295
Centrifugal force rear Level I lbf	10,340		
Centrifugal force rear Level II lbf	6,295		
Frequency Level I Vpm	4,020	4,020	4,020
Frequency Level II Vpm	3,120	3,120	3,120
Amplitude in	0.02	0.02	0.02
Oscillation frequency rear Level I Hz			39
Oscillation frequency rear Level II Hz			30
Tangential amplitude rear in			0.052
Oscillation force rear Level I lbf			8,992.4
Oscillation force rear Level II lbf			5,170.6
Linear force - front / rear static lb/in	69.1 / 72.5	69.1 / 0	69.1 / 75.37
Advance travel (max) ft/min	656	656	
Gradeability with vibration %	30	30	
Gradeability without vibration %	40	40	
Turning radius inside in	97.3	97.3	97.3
<b>Engine / Motor</b>			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1703	Kubota D1703	Kubota
Operating performance ISO 14396 hp	24.8	24.8	24.8
<b>Filling capacities</b>			
Tank capacity fuel US gal	11.1	11.1	11.1
Tank capacity water US gal	47.6	47.6	47.6

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.  
Copyright © 2019 Wacker Neuson SE.