

RD28

Tandem Rollers



**WACKER
NEUSON**
all it takes!



Perfect view – perfect performance

Due to the specially tapered design of the articulated tandem-axle rollers, the operator maintains an excellent view of the drum edges, the machine environment and the job site. This ensures ideal compaction results. The ergonomic operator's platform, the vibration-reduced driver's cabin and the 3-point articulated joint provide for maximum driving comfort. Drum offset allows for easy maneuvering when compacting along walls and provides a smoother finish.

- 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
- Vibration and oscillation can be adjusted in two levels
- ROPS (Roll Over Protective Structure) can be folded back for transport
- Three point articulated pendulum joint offers constant contact for better results, safety and a smoother ride
- Large drum diameter combined with low machine center of gravity ensure excellent compaction quality.

RD28 Technical specifications

	RD28-120	RD28-120C	RD28-120 O
Operating data			
Operating weight with ROPS lb	5,941	5,721	6,074
Operating weight max. lb	7,518	7,319	7,650
L x W x H in	96.9 x 51.6 x 94.1	96.9 x 51.6 x 94.1	96.9 x 51.6 x 94.1
Drum width in	47.2	47.2	47.2
Drum diameter in	28.4	28.4	28.4
Operating width in	49.3	48	49.3
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	2,943	2,954	2,943
Axle load rear lb	2,998	2,767	3,131
Curb clearance in	22.5	22.5	22.5
Centrifugal force front level I lbf	11,690	11,690	11,690
Centrifugal force front level II lbf	7,194	7,194	7,194
Centrifugal force rear level I lbf	11,690		
Centrifugal force rear level II lbf	7,194		
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 level I Hz			39
Oscillation frequency level II Hz			30
Tangential amplitude in			0.04
Oscillation force level I lbf			8,992.4
Oscillation force level II lbf			5,170.6
Linear force - front / rear static lb/in	63.95 / 65.1	63.95 / 0	63.95 / 67.4
Advance travel max. ft/min	656	656	656
Gradeability with vibration %	30	30	35
Gradeability without vibration %	40	40	40
Turning radius inside in	93.3	93.3	93.3
Engine / Motor			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1703	Kubota D1703	Kubota D1703
Operating performance ISO 14396 hp	24.8	24.8	24.8
Filling capacities			
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.
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