

RD18

Tandem Rollers



**WACKER
NEUSON**
all it takes!



Compact, maneuverable and powerful

Thanks to their large drum diameter combined with a low machine center of gravity, the articulated RD18 models provide for first-class compaction performances. The end user benefits from maximum driving comfort here thanks to the three-point articulated joint and the intuitive operation. One special feature of the RD18-100 and RD18-100C models is the unilateral drum lifting point, which makes it possible to compact right up to the edge or on the wall.

- Optionally available as a tandem-axle roller or a combination roller
- Compaction in road and highway construction up to the edge due to the unilateral drum lifting point
- Installed articulated pendulum joint ensures for even compaction, a high level of maneuverability and a high level of driving stability
- Optimal visual conditions due to the slim design

RD18 Technical specifications

RD18-100

	RD18-80	RD18-100
Operating data		
Operating weight with roll-over protective structure kg	1,580	1,670
Operating weight max. kg	1,840	1,950
L x W x H mm	2,260 x 856 x 2,210	2,260 x 1,056 x 2,210
Drum width mm	800	1,000
Drum diameter mm	620	620
Operating width mm	856	1,056
Ground clearance middle mm	230	230
Drum type front	smooth/undivided	smooth/undivided
Drum type rear	smooth/undivided	smooth/undivided
Axle load front kg	765	815
Axle load rear kg	815	855
Centrifugal force level I kN	25	25
Centrifugal force level II kN	16	16
Frequency level I Hz	65	65
Frequency level II Hz	52	52
Amplitude mm	0.5	0.45
Linear force - front / rear static N/mm	9.6 / 10.2	8.1 / 8.6
Advance travel max m/min	183	183
Gradeability with vibration %		30
Gradeability without vibration %		40
Turning radius inside mm	2,230	2,130
Engine / Motor		
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota	Kubota
Engine performance ISO 14396 kW	16.8	16.8
Filling capacities		
Fuel tank capacity l	33	33
Water tank capacity l	70	70

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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