

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 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

	RD18-80	RD18-100	RD18-100C
Operating data			
Operating weight with roll-over protective structure kg	1,580	1,670	1,630
Operating weight max. kg	1,840	1,950	1,830
L x W x H mm	2,260 x 856 x 2,210	2,260 x 1,056 x 2,210	2,260 x 1,040 x 2,210
Drum width mm	800	1,000	1,000
Drum diameter mm	620	620	620
Operating width mm	856	1,056	1,000
Ground clearance middle mm	230	230	240
Drum type front	smooth/undivided	smooth/undivided	smooth/undivided
Drum type rear	smooth/undivided	smooth/undivided	Tires
Axle load front kg	765	815	805
Axle load rear kg	815	855	825
Centrifugal force level I kN	25	25	25
Centrifugal force level II kN	16	16	16
Frequency level I Hz	65	65	65
Frequency level II Hz	52	52	52
Amplitude mm	0.5	0.45	0.45
Linear force - front / rear static N/mm	9.6 / 10.2	8.1 / 8.6	7.9 / 0
Advance travel max. m/min	183	183	183
Gradeability with vibration %	30	30	30
Gradeability without vibration %	40	40	40
Turning radius inside mm	2,230	2,130	2,130
Engine / Motor			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1104	Kubota D1104	Kubota D1104
Engine performance ISO 14396 kW	16.8	16.8	16.8
Emission standards stage	EU Stage V	EU Stage V	EU Stage V
Filling capacities			
Tank capacity fuel l	33	33	33
Tank capacity water l	70	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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