

# RD24

## Tandem Rollers



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



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

With the tandem-axle rollers of the RD24 series, the articulated pendulum joint helps to achieve a uniform, very good compaction performance with simultaneous maneuverability and optimal driving stability. The end user also benefits from the intuitive operation as well as the optimal view forward to the compaction area. They are flexible in application thanks to the low machine height. The model RD24-100 O also has an oscillating drum, which makes it possible to use the roller in sensitive areas as well.

- 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
- Three model versions: Tandem-axle roller with 2 vibrating drums, combination roller or tandem-axle roller with oscillating drum
- Edge pressing and cutting equipment for a clean edge of the paths
- Convenient maintenance and servicing access

## RD24 Technical specifications

	RD24-100 DPF	RD24-100c DPF	RD24-100o DPF
<b>Operating data</b>			
Operating weight with ROPS kg	2,475	2,385	2,525
Operating weight max. kg	3,190	3,110	3,240
Static linear load front /cm kg	12.1	12.1	12.1
L x W x H mm	2,530 x 1,110 x 2,378	2,530 x 1,110 x 2,378	2,530 x 1,110 x 2,378
Drum width mm	1,000	1,000	1,000
Drum diameter mm	720	720	720
Operating width mm	1,000	1,000	1,000
Ground clearance middle mm	280	280	280
Drum type front	smooth / undivided	smooth / undivided	smooth / undivided
Drum type rear	smooth / undivided	tires	smooth / undivided
Lateral Overhang rechts mm	55	55	55
Lateral Overhang links mm	55	55	55
Curb clearance mm	570	570	570
Curb clearance mm	570	570	570
Centrifugal force level I kN	43	43	43
Centrifugal force level II kN	26	26	26
Frequency level I Hz	65	65	65
Frequency level II Hz	51	51	51
Amplitude mm	0.45	0.45	0.45
Oscillation frequency Hz			39
Oscillation frequency Hz			30
Tangential amplitude mm			1.34
Oscillation force kN			39
Oscillation force kN			23
Travel speed km/h	10.6	10.2	10.6
Gradeability with vibration %	30	30	35
Gradeability without vibration %	40	40	40
Turning radius inside mm	2,470	2,470	2,470
<b>Engine / Motor</b>			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1803-CR	Kubota D1803-CR	Kubota D1803-CR
Engine / Motor manufacturer - Available variants	Kubota D1803-CR, Kubota D1703	Kubota D1803-CR, Kubota D1703	Kubota D1803-CR, Kubota D1703
Engine performance ISO 14396 kW	24	24	24
Emission standards stage	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4
Exhaust aftertreatment system	DOC-DPF	DOC-DPF	DOC-DPF
CO2 (NRTC) g/kWh	858.7	858.7	858.7

	RD24-100 DPF	RD24-100c DPF	RD24-100o DPF
<b>Filling capacities</b>			
Tank capacity fuel l	42	42	42
Tank capacity water l	180	180	180
	RD24-100	RD24-100c	RD24-100o
<b>Operating data</b>			
Operating weight mit ROPS kg	2,378	2,385	2,525
Operating weight max. kg	3,190	3,110	3,240
Static linear load front /cm kg	12.1	12.1	12.1
L x W x H (Höhe mit ROPS) mm	2,530 x 1,110 x 2,378	2,530 x 1,110 x 2,378	2,530 x 1,110 x 2,378
Ground clearance mitte mm	280	280	280
Drum type vorne	glatt / ungeteilt	glatt / ungeteilt	glatt / ungeteilt
Drum type hinten	glatt / ungeteilt	Reifen	glatt / ungeteilt
Lateral Overhang rechts mm	55	55	55
Lateral Overhang links mm	55	55	55
Curb clearance rechts mm	570	570	570
Curb clearance links mm	570	570	570
Centrifugal force Stufe I kN	33	33	33
Centrifugal force Stufe II kN	20	20	20
Frequency Stufe I Hz	65	65	65
Frequency Stufe II Hz	51	51	51
Amplitude mm	0.45	0.45	0.45
Oscillation frequency hinten Stufe I Hz			38
Oscillation frequency hinten Stufe II Hz			29
Tangential amplitude hinten mm			1.34
Oscillation force hinten Stufe I kN			39
Oscillation force hinten Stufe II kN			23
Travel speed max km/h	10.2	9.6	10.2
Gradeability mit Vibration %	30	30	35
Gradeability ohne Vibration %	40	40	40
Turning radius innen mm	2,470	2,470	2,470
<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 D1703
Engine / Motor manufacturer - verfügbare Varianten	Kubota D1803-CR, Kubota D1703	Kubota D1803-CR, Kubota D1703	Kubota D1803-CR, Kubota D1703
Engine performance ISO 14396 kW	18.5	18.5	18.5
Emission standards stage	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4
CO2 (NRSC) g/kWh	938.3	938.3	938.3
<b>Filling capacities</b>			

	RD24-100	RD24-100c	RD24-100o
Fuel tank capacity l	42	42	42
Water tank capacity l	180	180	180

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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