

RD45

Tandem Rollers



**WACKER
NEUSON**
all it takes!



Powerful and versatile

The rollers of the RD45 series are articulated tandem-axle rollers, which are also available with an oscillating drum or as a combination roller. Due to the low machine height, the articulated joint and the optimal view, the RD45 rollers can be used in a variety of ways. Due to the oscillating drum that exists with the RD45-1400 model, the entire compaction force is transmitted into the ground thanks to the two installed eccentric weights.

- Safe ROPS (Roll Over Protective Structure) that can be folded back for transport
- Installed articulated pendulum joint ensures for even compaction, a high level of maneuverability and optimal driving stability
- Three model versions: Tandem-axle roller with 2 vibrating drums, combination roller or tandem-axle roller with oscillating drum
- Optimal visual conditions due to the slim design
- Edge pressing and cutting equipment for a clean edge of the paths (accessory)

RD45 Technical specifications

	RD45-140	RD45-140c	RD45-140o
Operating data			
Operating weight with ROPS kg	4,345	3,995	4,435
Operating weight max. kg	5,300	4,960	5,640
L x W x H mm	2,860 x 1,506 x 2,590	2,860 x 1,506 x 2,590	2,860 x 1,506 x 2,590
Drum width mm	1,380	1,380	1,380
Drum diameter mm	900	900	900
Operating width mm	1,430	1,380	1,430
Ground clearance middle mm	305	305	305
Drum type front	smooth / undivided	smooth / undivided	smooth / undivided
Drum type rear	smooth / undivided	Tires	smooth / undivided
Axle load front kg	2,175	2,175	2,175
Axle load rear kg	2,170	1,820	2,260
Curb clearance mm	63	63	63
Centrifugal force level I kN	64	64	64
Centrifugal force level II kN	39	39	39
Frequency level I Hz	60	60	60
Frequency level II Hz	51	51	51
Amplitude level I mm	0.51	0.51	0.51
Amplitude level II mm	0.31	0.31	0.31
Oscillation frequency level I Hz			39
Oscillation frequency level II Hz			30
Tangential amplitude mm			1.37
Oscillation force level I kN			72
Oscillation force level II kN			43
Linear force - front / rear static N/mm	15.8 / 15.7	15.8 / 0	15.8 / 16.5
Advance travel max. m/min	183	183	183
Gradeability with vibration %	30	30	30
Gradeability without vibration %	40	40	40
Turning radius inside mm	2,650	2,650	2,650
Engine / Motor			
Engine / Motor type	4-cylinder diesel engine	4-cylinder diesel engine	4-cylinder diesel engine
Engine / Motor manufacturer	Kubota V2403-CR	Kubota V2403-CR	Kubota V2403-CR
Engine performance ISO 14396 kW	37.4	37.4	37.4
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
Filling capacities			
Tank capacity fuel l	73	73	73

	RD45-140	RD45-140c	RD45-140o
Tank capacity water l	285	285	285

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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