

RD28

Tandem Rollers



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all it takes!



Perfect view – perfect performance: RD28

Due to the specially tapered design of the articulated tandem-axle rollers, the operator always has the drum edges, the machine environment and the job site in view. 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. In crab steering mode, you can also easily compact in narrow edge areas or along curbs.

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

RD28 Technical specifications

	RD28-120	RD28-120c	RD28-120o
Operating data			
Operating weight with ROPS kg	2,695	2,595	2,755
Operating weight max. kg	3,410	3,320	3,470
L x W x H mm	2,460 x 1,310 x 2,390	2,460 x 1,310 x 2,390	2,460 x 1,310 x 2,390
Drum width mm	1,200	1,200	1,200
Drum diameter mm	720	720	720
Operating width mm	1,250	1,220	1,250
Ground clearance middle mm	280	280	280
Drum type front	smooth / undivided	smooth / undivided	smooth / undivided
Drum type rear	smooth / undivided	tires	smooth / undivided
Axle load front kg	1,335	1,340	1,335
Axle load rear kg	1,360	1,255	1,420
Curb clearance mm	55	55	55
Centrifugal force level I kN	52	52	52
Centrifugal force level II kN	32	32	32
Frequency level I Hz	67	67	67
Frequency level II Hz	52	52	52
Amplitude mm	0.52	0.52	0.52
Oscillation frequency level I Hz			39
Oscillation frequency level II Hz			30
Tangential amplitude mm			1.14
Oscillation force level I kN			40
Oscillation force level II kN			23
Linear force - front / rear static N/mm	11.2 / 11.4	11.2 / 0	11.2 / 11.8
Advance travel max. m/min	200	200	200
Gradeability with vibration %	30	30	35
Gradeability without vibration %	40	40	40
Turning radius inside mm	2,370	2,370	2,370
Engine / Motor			
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 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
Filling capacities			
Tank capacity fuel l	42	42	42
Tank capacity water 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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