



RC70

Single Drum Soil Compactors



7 tons for compaction — compactly packed: RC70

The RC70 only measures 4.40 meters in length and is therefore the shortest single drum roller in its class. This means that it also convinces when things get too tight for many other single drum rollers. Especially when working in confined urban areas or in gardening and landscaping, the single drum soil compactor RC70 displays its full strengths. The intuitive operation via the display and joystick and the adjustable operator's seat also offer a high level of working comfort.

- 3-point articulated joint for optimal driving comfort on uneven ground conditions
- Economical diesel engine with particle filter (EU stage IIIB)
- Maximum gradeability due to the innovative drive concept and generous angle of slope
- Compact design for the perfect all-around view
- 2 model versions: with smooth drum or with sheepsfoot drum

Three drum types:

Optionally with a sheepsfoot drum, smooth drum or combination drum

Single drum soil compactors with a smooth drum	RC70
Single drum soil compactors with a sheepsfoot drum	RC70p
Single drum soil compactors with a combination drum (smooth drum) Change between vibration and oscillation is possible	RC70vo



Master up to a 60% gradient thanks to the wheel motors.

- Drive system via hydraulically activated wheel motors
- Distribution of the torque to the front and rear axle depending on the requirements
- Compaction on slopes and driving in steep trench applications is no problem



Compaction through vibration

Vibration for high compaction depth.

RC70 and RC70p

RC70vo – Compacts through vibration or oscillation:



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Compaction type 1:
Vibration for high compaction depth.



Compaction type 2:
Oscillation for optimal surface compaction.



Technical specifications

	RC70	RC70p	RC70vo
Operating data General			
Operating weight with roll-over protective structure kg	6,320	6,190	6,105
Operating weight with cabin kg	6,540	6,410	6,325
Operating weight max. kg	7,580	6,920	6,380
Drum type	smooth/undivided	Sheepsfoot	smooth/undivided
Dimensions			
L x W x H mm	4409 x 1844 x 2925	4409 x 1844 x 2925	4409 x 1844 x 2925
Drum width mm	1,680	1,680	1,680
Drum diameter mm	1,216	1,360	1,206
Operating width max. mm	1,680	1,680	1,680
Ground clearance Middle mm	317	317	317
Axle load Front kg	3,980	3,850	3,765
Axle load Rear kg	2,560	2,560	2,560
Curb clearance left mm	80	80	80
Curb clearance right mm	70	70	70
Turning radius mm	3,310	3,310	3,310
Operating data Vibration			
Centrifugal force front, level I kN	125	125	123
Centrifugal force front, level II kN	95		
Frequency front, level I Hz	30	30	36
Frequency front, level II Hz	42		
Amplitude front, level I mm	1.71	1.79	1.38
Amplitude front, level II mm	0.66		
Oscillation frequency Hz			36
Tangential amplitude mm			1.37
Oscillation force kN			123
Total linear load N/mm	23.7	22.9	22.4
Travel speed Operation, max. km/h	6	6	6
Travel speed Transport gear, max. km/h	12.5	12.5	12.5
Gradeability with vibration %	55	55	55
Gradeability without vibration %	60	60	60
Engine / Motor			



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	RC70	RC70p	RC70vo
Engine / Motor type	4-cylinder diesel engine, V3307-CR-T	4-cylinder diesel engine, V3307-CR-T	4-cylinder diesel engine, V3307-CR-T
Engine / Motor manufacturer	Kubota	Kubota	Kubota
RPM / speed rpm	2,200	2,200	2,200
Operating performance kW	54.6	54.6	54.6
Traction drive	hydrostatic with wheel motors	hydrostatic with wheel motors	hydrostatic with wheel motors
Tank capacity l	123	123	123

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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