

RC70

Drum rollers

7-ton roller - packed compactly

Only 4.40 m The RC70 measures the length and is therefore impressive when it is too tight for many other drum rollers. The RC70 drum roller especially comes into its own with work in confined, inner-city areas or in gardening and landscaping works. Intuitive operation via the display and joystick, and the adjustable operator's seat also provide a higher level of working comfort.

Highlights

- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

Mechanical - Output Details

Gradeability	55.0 %
Gradeability max. (without vibration)	60.0 %
Travel speed	0.0 - 12.5 km/h
Static linear load (front)	2.37 kg/mm
Compaction force Level I (front)	157 kN
Compaction force Level II (front)	134 kN
Compaction force I (rear)	25 kN
Compaction force II (rear)	25 kN
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	42.0 Hz
Amplitude Level I (front)	1.7100 mm
Amplitude Level II (front)	0.6600 mm
Centrifugal force Level I (front)	125 kN

Mechanical Details

Length	4,409.0 mm
Operating weight	6,540.0 kg
Dry Weight	6,410.0 kg
Gross vehicular weight	6,590.0 kg
Curb clearance right	70.0 mm
Curb clearance left	80.0 mm
Operating width	1,680.0 mm
Ground clearance	317.0 mm
Turning radius inside	3,310.0 mm
Operating weight with roll-over protective structure	6,320.0 kg
Operating weight with cabin	6,540.0 kg
Wheelbase	2,306.0 mm
Operating weight, max.	8,040.00 kg
Curb clearance (left)	350.0 mm
Curb clearance (right)	350.0 mm
Total height with cabin	2,925.0 mm
Empty weight with cabin	6,410.0 kg
Empty weight with ROPS	6,190.0 kg
Slope angle (front)	38.0 °
Slope angle (rear)	42.0 °
Turning radius outside	4,990.0 mm

Engine

Cylinder capacity	3,331.0 cm³
Effective power	55.4 kW
Nominal Engine speed	2,200.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	152.0 Ah
Engine Manufacturer	Kubota
Engine Designation	V3307-CR-T

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Environment Data

Sound level LpA	87.0 dB(A)
Sound power LWA, guaranteed	104.0 dB(A)
Exhaust aftertreatment	DOC-DPF
Catalyst	yes
Particle filter	yes
CO (NRTC)	0.1 g/KWh
CO2 (NRTC)	807.2 g/KWh
HC + NOx (NRTC)	3.0 g/KWh
PM (NRTC)	0.0 g/KWh

Operating Fluids

Fuel Tank capacity	123.0 l

Chassis

Pendulum angle +/-	10.0 °
Width over tires (rear)	1,640.0 mm
Number of tires (rear)	2.0
Wheel size (rear)	AW 14.9-24 8 TL
Wheel load per tire (rear)	1,280.0 kg

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