

RC70p

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

- Padded (sheepsfoot) drum
- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

Mechanical - Output Details

Gradeability	54.0 %
Gradeability max. (without vibration)	60.0 %
Speed working gear	0.0 - 6.0 km/h
Speed transportation gear	0.0 - 12.5 km/h
Compaction force Level I (front)	160 kN
Compaction force Level II (front)	40 kN
Compaction force I (rear)	28 kN
Compaction force II (rear)	28 kN
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	42.0 Hz
Amplitude Level I (front)	1.6900 mm
Amplitude Level II (front)	0.6700 mm
Centrifugal force Level I (front)	118 kN

Mechanical Details

Length	4,439.0 mm
Height Ramming shoe	80.0 mm
Gross vehicular weight	7,360.0 kg
Curb clearance right	72.0 mm
Curb clearance left	72.0 mm
Operating width	1,680.0 mm
Ground clearance	322.0 mm
Turning radius inside	3,310.0 mm
Operating weight with cabin	6,855.0 kg
Wheelbase	2,336.0 mm
Ramming shoes (Number)	84.0
Operating weight, max.	7,360.00 kg
Curb clearance (left)	330.0 mm
Curb clearance (right)	330.0 mm
Surface of the pad feet	113.0 cm^2
Total height with cabin	2,883.0 mm
Empty weight with cabin	6,680.0 kg
Slope angle (front)	44.0 °
Slope angle (rear)	35.0 °
Turning radius outside	4,990.0 mm
Drum width (front)	1,680.0 mm
Drum diameter (front)	1,360.0 mm
Drum thickness (front)	15.0 mm

Engine

Cylinder capacity	3,331.0 cm^3
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

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Speed max.	2,400.0 1/min
Engine Designation	V3307-CR-TE5B

Environment Data

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 +/-	0.0 °

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