

RC70

Drum rollers

7-ton roller - packed compactly

Only 4.81 yd. 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	54.0 %
Gradeability max. (without vibration)	60.0 %
Speed working gear	0.0 - 3.7 m/H
Speed transportation gear	0.0 - 7.8 m/H
Static linear load (front)	1,415.73 lb/in
Linear load with vibration Level I (front)	54,382.02 lb/in
Linear load with vibration Level II (front)	46,460.67 lb/in
Compaction force Level I (front)	35,969 lbf
Compaction force Level II (front)	30,574 lbf
Compaction force II (rear)	6,295 lbf
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	42.0 Hz
Amplitude Level I (front)	0.0665 in
Amplitude Level II (front)	0.0264 in
Centrifugal force Level I (front)	26,527 lbf
Centrifugal force Level II (front)	21,357 lbf

Mechanical Details

Length	174.8 in
Gross vehicular weight	18,144.1 lb
Curb clearance right	2.8 in
Curb clearance left	2.8 in
Operating width	66.1 in
Turning radius inside	130.3 in
Operating weight with cabin	15,564.6 lb
Wheelbase	92.0 in
Operating weight, max.	18,144.06 lb
Curb clearance (left)	13.0 in
Curb clearance (right)	13.0 in
Total height with cabin	113.5 in
Empty weight with cabin	15,178.8 lb
Slope angle (front)	44.0 °
Slope angle (rear)	35.0 °
Turning radius outside	196.5 in
Drum width (front)	66.1 in
Drum diameter (front)	47.9 in
Drum thickness (front)	1.0 in

Engine

Cylinder capacity	203.3 Inch3
Effective power	74.3 hp
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
Speed max.	2,400.0 1/min
Engine Designation	V3307-CR-TE5B

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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	32.5 gal US

Chassis

Pendulum angle +/-	0.0 °

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