



RC70 US

Drum rollers

7-ton roller - packed compactly

Only 4.81 yd. The RC70 when measured by length is the shortest drum roller of its class. This means it can access confined areas that other rollers can't. With the compact dimensions, the RC70 is ideal for confined inner-city applications, gardening and landscape construction. In addition, the intuitive operation via display and joystick and the adjustable operator's seat offer a high degree 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 - 7.8 m/H
Static linear load (front)	133.15 lb/in
Linear load with vibration Level I (front)	535.39 lb/in
Linear load with vibration Level II (front)	456.74 lb/in
Compaction force Level I (front)	35,295 lbf
Compaction force Level II (front)	30,124 lbf
Compaction force II (rear)	5,620 lbf
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	42.0 Hz
Amplitude Level I (front)	0.0673 "
Amplitude Level II (front)	0.0260 "
Centrifugal force Level I (front)	28,101 lbf
Centrifugal force Level II (front)	21,357 lbf

■ Mechanical Details

Length	173.6 "
Operating weight	14,418.2 lb
Dry Weight	14,131.6 lb
Gross vehicular weight	14,528.5 lb
Curb clearance right	2.8 "
Curb clearance left	3.1 "

Operating width	66.1 "
Turning radius inside	130.3 "
Operating weight with roll-over protective structure	13,933.2 lb
Operating weight with cabin	14,418.2 lb
Wheelbase	90.8 "
Operating weight, max.	17,725.18 lb
Curb clearance (left)	13.8 "
Curb clearance (right)	13.8 "
Total height with cabin	115.2 "
Total height with ROPS	112.4 "
Empty weight with cabin	14,131.6 lb
Empty weight with ROPS	13,646.6 lb
Slope angle (front)	38.0 °
Slope angle (rear)	42.0 °
Turning radius outside	196.5 "

■ 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
Manufacturer	Kubota

Engine designation V3307-CR-T

■ 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	32.5 gal US
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■ Chassis

Pendulum angle +/-	10.0 °
Width over tires (rear)	64.6 "
Number of tires (rear)	2.0
Wheel size (rear)	AW 14.9-24 8 TL
Wheel load per tire (rear)	2,821.9 lb