

RC50

Drum rollers

Clear view of the working area and simple operation

Perfect view in all directions makes work with the Wacker Neuson single drum soil compactors safe and comfortable. Because of the compact design, the operator always has the working area and the drums in view from his seat. With a large departure angle and outstanding gradeability, it is easy to maneuver even on uneven terrain. The simple operation via an intuitively-designed display and joystick also make working easier and ensure that the operator is familiar with the machine in no time.

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)	1.92 kg/mm
Compaction force Level I (front)	92 kN
Compaction force I (rear)	24 kN
Vibration frequency Level I (front)	30.0 Hz
Amplitude Level I (front)	1.5500 mm
Centrifugal force Level I (front)	69 kN

Mechanical Details

Length	4,040.0 mm
Operating weight	5,035.0 kg
Dry Weight	4,905.0 kg
Gross vehicular weight	5,080.0 kg
Curb clearance right	65.0 mm
Curb clearance left	65.0 mm
Operating width	1,370.0 mm
Ground clearance	270.0 mm
Turning radius inside	3,375.0 mm
Operating weight with roll-over protective structure	4,815.0 kg
Operating weight with cabin	5,035.0 kg
Wheelbase	2,168.0 mm
Operating weight, max.	6,040.00 kg
Curb clearance (left)	330.0 mm
Curb clearance (right)	330.0 mm
Total height with cabin	2,867.0 mm
Empty weight with cabin	4,905.0 kg
Empty weight with ROPS	4,685.0 kg
Slope angle (front)	43.0 °
Slope angle (rear)	36.0 °
Turning radius outside	4,745.0 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

Environment Data

Sound level LpA	87.0 dB(A)
Sound power LWA, guaranteed	104.0 dB(A)
Exhaust aftertreatment	DOC-DPF
Catalyst	yes

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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)	1,500.0 mm
Number of tires (rear)	2.0
Wheel size (rear)	AW 12.4-24 8 PR
Wheel load per tire (rear)	1,205.0 kg

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