



RC50 US

Drum rollers

Unrestricted view of the work field and easy 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

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

Particle filter	yes	Chassis	
CO (NRTC)	0.1 g/KWh	Pendulum angle +/-	10.0 °
CO2 (NRTC)	807.2 g/KWh	Width over tires (rear)	1,500.0 mm
HC + NOx (NRTC)	3.0 g/KWh	Number of tires (rear)	2.0
PM (NRTC)	0.0 g/KWh	Wheel size (rear)	AW 12.4-24 8 PR
Operating Fluids		Wheel load per tire (rear)	1,205.0 kg
Fuel Tank capacity	123.0 l		