



RC50

Drum rollers

Powerful compaction on any terrain

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 | 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 |
| Static linear load (front) | 19.93 kg/mm |
| Compaction force Level I (front) | 93 kN |
| Compaction force I (rear) | 24 kN |
| Vibration frequency Level I (front) | 30.0 Hz |
| Amplitude Level I (front) | 1.5700 mm |
| Centrifugal force Level I (front) | 66 kN |

Curb clearance (right) 330.0 mm

Empty weight with ROPS 4,835.0 kg

Slope angle (front) 44.0 °

Slope angle (rear) 35.0 °

Turning radius outside 4,745.0 mm

Drum width (front) 1,370.0 mm

Drum diameter (front) 1,000.0 mm

Drum thickness (front) 20.0 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

Speed max. 2,400.0 1/min

Engine Designation V3307-CR-TE5B

■ Environment Data

Sound power LWA, measured 103.0 dB(A)

Sound power LWA, guaranteed 105.0 dB(A)

Exhaust aftertreatment DOC-DPF

Catalyst yes

Particle filter yes

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|-----------------|-------------|
| 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

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|--------------------|---------|
| Fuel Tank capacity | 123.0 l |
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■ Chassis

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| Pendulum angle +/- | 0.0 ° |
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