

RC50p US

Single-drum roller

Unrestricted view of the work field and easy operation

A perfect view in all directions makes working with Wacker Neuson single drum rollers safer and also more comfortable. Thanks to the compact design and specially-shaped engine hood, the operator always has the working area and the drums in view from his seat. 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

- Padded (sheepsfoot) drum
- 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
Compaction force Level I (front)	93 kN
Compaction force I (rear)	24 kN
Vibration frequency Level I (front)	30.0 Hz
Centrifugal force Level I (front)	69 kN

Mechanical Details

Length	4,040.0 mm
Height Ramming shoe	80.0 mm
Operating weight	5,155.0 kg
Dry Weight	5,025.0 kg
Gross vehicular weight	5,200.0 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	4,935.0 kg
Operating weight with cabin	5,155.0 kg
Wheelbase	2,168.0 mm
Ramming shoes (Number)	60.0
Operating weight, max.	5,530.00 kg
Curb clearance (left)	330.0 mm
Curb clearance (right)	330.0 mm
Surface of the pad feet	113.0 cm^2
Total height with cabin	2,867.0 mm
Empty weight with cabin	5,025.0 kg
Empty weight with ROPS	4,805.0 kg
Slope angle (front)	43.0 °
Slope angle (rear)	36.0 °
Turning radius outside	4,745.0 mm

Engine

Cylinder capacity	3,331.0 cm^3
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)

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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	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)	TR 12.4-24 8 PR
Wheel load per tire (rear)	1,205.0 kg

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