



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 - 7.8 m/H
Linear load with vibration Level I (front)	388.20 lb/in
Compaction force Level I (front)	20,907 lbf
Vibration frequency Level I (front)	30.0 Hz
Centrifugal force Level I (front)	15,512 lbf

■ Mechanical Details

Length	159.1 "
Height Ramming shoe	3.1 "
Operating weight	11,364.8 lb
Dry Weight	11,078.2 lb
Gross vehicular weight	11,464.0 lb
Curb clearance right	2.6 "
Curb clearance left	2.6 "
Operating width	53.9 "
Turning radius inside	132.9 "
Operating weight with roll-over protective structure	10,879.8 lb
Operating weight with cabin	11,364.8 lb
Wheelbase	85.4 "
Ramming shoes (Number)	60.0

Operating weight, max.	12,191.57 lb
Curb clearance (left)	13.0 "
Curb clearance (right)	13.0 "
Total height with cabin	112.9 "
Total height with ROPS	110.6 "
Empty weight with cabin	11,078.2 lb
Empty weight with ROPS	10,593.2 lb
Slope angle (front)	43.0 °
Slope angle (rear)	36.0 °
Turning radius outside	186.8 "

■ 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
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
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)	59.1 "
Number of tires (rear)	2.0
Wheel size (rear)	TR 12.4-24 8 PR
Wheel load per tire (rear)	2,656.6 lb