



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

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 "

■ 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

■ 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	Operating Fluids	
Catalyst	yes	Fuel Tank capacity	32.5 gal US
Particle filter	yes	Chassis	
CO (NRTC)	0.1 g/KWh	Pendulum angle +/-	10.0 °
CO2 (NRTC)	807.2 g/KWh	Width over tires (rear)	59.1 "
HC + NOx (NRTC)	3.0 g/KWh	Number of tires (rear)	2.0
PM (NRTC)	0.0 g/KWh	Wheel size (rear)	TR 12.4-24 8 PR
		Wheel load per tire (rear)	2,656.6 lb