



RC50

Drum rollers

Clear view of the working area and simple 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 - 7.8 m/H
Static linear load (front)	107.87 lb/in
Linear load with vibration Level I (front)	383.71 lb/in
Compaction force Level I (front)	20,682 lbf
Vibration frequency Level I (front)	30.0 Hz
Amplitude Level I (front)	0.0610 "
Centrifugal force Level I (front)	15,512 lbf

■ Mechanical Details

Length	159.1 "
Operating weight	11,100.3 lb
Dry Weight	10,813.7 lb
Gross vehicular weight	11,199.5 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	10,615.3 lb
Operating weight with cabin	11,100.3 lb
Wheelbase	85.4 "
Operating weight, max.	13,315.93 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	10,813.7 lb
Empty weight with ROPS	10,328.7 lb
Slope angle (front)	43.0 °
Slope angle (rear)	36.0 °
Turning radius outside	186.8 "

■ Engine

Cylinder capacity	203.3 Inch ³
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

■ Chassis

Pendulum angle +/-	10.0 °
Width over tires (rear)	59.1 "
Number of tires (rear)	2.0
Wheel size (rear)	AW 12.4-24 8 PR
Wheel load per tire (rear)	2,656.6 lb