



RC110 Drum roller

Powerful compaction on any terrain

Perfect view in all directions makes work with the Wacker Neuson single drum soil compactors safer 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 makes working easier and ensures 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)	59.0 %
Travel speed	0.0 - 7.5 m/H
Static linear load (front)	154.49 lb/in
Linear load with vibration Level I (front)	812.92 lb/in
Linear load with vibration Level II (front)	518.54 lb/in
Compaction force Level I (front)	68,342 lbf
Compaction force Level II (front)	43,613 lbf
Compaction force II (rear)	11,016 lbf
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	36.0 Hz
Amplitude Level I (front)	0.0803 "
Amplitude Level II (front)	0.0331 "
Centrifugal force Level I (front)	55,303 lbf
Centrifugal force Level II (front)	30,574 lbf

■ Mechanical Details

Length	230.3 "
Operating weight	23,986.3 lb
Dry Weight	23,512.3 lb
Gross vehicular weight	24,295.0 lb
Curb clearance right	2.8 "
Curb clearance left	2.8 "

Operating width	84.3 "
Turning radius inside	152.4 "
Operating weight with roll-over protective structure	23,435.2 lb
Operating weight with cabin	23,986.3 lb
Wheelbase	124.0 "
Operating weight, max.	29,299.46 lb
Curb clearance (left)	20.1 "
Curb clearance (right)	20.1 "
Total height with cabin	116.5 "
Total height with ROPS	117.5 "
Empty weight with cabin	23,512.3 lb
Empty weight with ROPS	22,961.2 lb
Slope angle (front)	53.0 °
Slope angle (rear)	32.0 °
Turning radius outside	240.9 "

■ Engine

Cylinder capacity	221.0 Inch3
Effective power	114.0 hp
Nominal Engine speed	2,300.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	152.0 Ah
Engine Manufacturer	Deutz

Engine Designation TCD 3.6 L4

■ Environment Data

Sound level LpA 88.0 dB(A)

Sound power LWA, measured 102.0 dB(A)

Sound power LWA, guaranteed 104.0 dB(A)

Exhaust aftertreatment DOC-SCR

Catalyst yes

Particle filter no

CO (NRTC) 0.0 g/KWh

CO2 (NRTC) 730.8 g/KWh

PM (NRTC) 0.0 g/KWh

■ Operating Fluids

Tank capacity AdBlue® / DEF 67.6 pt US

Fuel Tank capacity 74.0 gal US

■ Chassis

Pendulum angle +/- 10.0 °

Width over tires (rear) 86.9 "

Number of tires (rear) 2.0

Wheel size (rear) AW 23.1-26 12 PR

Wheel load per tire (rear) 5,500.5 lb