



RC110P

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

- Padded (sheepsfoot) drum
- Ergonomic work platform
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

■ Mechanical - Output Details

Gradeability	57.0 %
Gradeability max. (without vibration)	62.0 %
Travel speed	0.0 - 7.5 m/H
Compaction force Level I (front)	69,691 lbf
Compaction force Level II (front)	44,962 lbf
Compaction force II (rear)	11,915 lbf
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	36.0 Hz
Amplitude Level I (front)	0.0748 "
Amplitude Level II (front)	0.0315 "
Centrifugal force Level I (front)	55,303 lbf
Centrifugal force Level II (front)	30,574 lbf

■ Mechanical Details

Length	230.3 "
Height Ramming shoe	3.9 "
Operating weight	26,400.4 lb
Dry Weight	25,926.4 lb
Gross vehicular weight	26,698.0 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	25,849.2 lb
Operating weight with cabin	26,400.4 lb
Wheelbase	124.0 "
Ramming shoes (Number)	140.0
Operating weight, max.	28,902.63 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	25,926.4 lb
Empty weight with ROPS	25,375.2 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)	85.0 "
Number of tires (rear)	2.0
Wheel size (rear)	TR 23.1-26 12 PR
Wheel load per tire (rear)	5,980.0 lb