

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 - 12.0 km/h
Static linear load (front)	2.75 kg/mm
Compaction force Level I (front)	304 kN
Compaction force Level II (front)	194 kN
Compaction force I (rear)	49 kN
Compaction force II (rear)	49 kN
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	36.0 Hz
Amplitude Level I (front)	2.0400 mm
Amplitude Level II (front)	0.8400 mm
Centrifugal force Level I (front)	246 kN

Mechanical Details

Length	5,850.0 mm
Operating weight	10,880.0 kg
Dry Weight	10,665.0 kg
Gross vehicular weight	11,020.0 kg
Curb clearance right	71.0 mm
Curb clearance left	71.0 mm
Operating width	2,140.0 mm
Ground clearance	390.0 mm
Turning radius inside	3,870.0 mm
Operating weight with roll-over protective structure	10,630.0 kg
Operating weight with cabin	10,880.0 kg
Wheelbase	3,150.0 mm
Operating weight, max.	13,290.00 kg
Curb clearance (left)	510.0 mm
Curb clearance (right)	510.0 mm
Total height with cabin	2,960.0 mm
Empty weight with cabin	10,665.0 kg
Empty weight with ROPS	10,415.0 kg
Slope angle (front)	53.0 °
Slope angle (rear)	32.0 °
Turning radius outside	6,120.0 mm

Engine

Cylinder capacity	3,621.0 cm^3
Effective power	85.0 kW
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

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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	32.0 l
Fuel Tank capacity	280.0 l

Chassis

Pendulum angle +/-	10.0 °
Width over tires (rear)	2,208.0 mm
Number of tires (rear)	2.0
Wheel size (rear)	AW 23.1-26 12 PR
Wheel load per tire (rear)	2,495.0 kg

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