

RC110 ROPS

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	52.0 %
Gradeability max. (without vibration)	58.0 %
Travel speed	0.0 - 7.3 m/H
Static linear load (front)	1,681.46 lb/in
Linear load with vibration Level I (front)	83,707.87 lb/in
Linear load with vibration Level II (front)	58,426.97 lb/in
Compaction force Level I (front)	70,365 lbf
Compaction force Level II (front)	49,008 lbf
Compaction force II (rear)	12,364 lbf
Vibration frequency Level I (front)	30.0 Hz
Vibration frequency Level II (front)	36.0 Hz
Amplitude Level I (front)	0.0768 in
Amplitude Level II (front)	0.0335 in
Centrifugal force Level I (front)	56,202 lbf
Centrifugal force Level II (front)	34,845 lbf

Mechanical Details

Length	240.8 in
Operating weight	26,543.7 lb
Dry Weight	25,783.1 lb
Gross vehicular weight	26,565.7 lb
Curb clearance right	3.0 in
Curb clearance left	3.0 in
Operating width	84.3 in
Turning radius inside	162.6 in
Operating weight with roll-over protective structure	25,992.5 lb
Wheelbase	128.6 in
Operating weight, max.	33,818.94 lb
Curb clearance (left)	18.8 in
Curb clearance (right)	18.8 in
Total height with ROPS	120.2 in
Empty weight with ROPS	25,231.9 lb
Slope angle (front)	34.0 °
Slope angle (rear)	24.0 °
Turning radius outside	246.9 in
Drum width (front)	84.3 in
Drum diameter (front)	59.2 in
Drum thickness (front)	1.2 in

Engine

Cylinder capacity	274.6 Inch3
Effective power	114.0 hp
Nominal Engine speed	2,000.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	154.0 Ah
Speed max.	2,100.0 1/min

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Engine Designation	JDPS 4045EWS

Environment Data

Sound power LWA, guaranteed	106.0 dB(A)
Exhaust aftertreatment	DOC-DPF-SCR
Catalyst	yes
Particle filter	yes
CO (NRTC)	0.1 g/KWh
CO2 (NRTC)	819.2 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 +/-	12.0 °

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