

RD28-120c CN

Tandem roller

Convenient and efficient

The RD28 is the compact and versatile for every construction site. With its three-point articulated pendulum joint, the roller achieves a consistently even weight distribution with optimum maneuverability and travel stability. As a result, excellent, high-quality asphalt surfaces can be achieved. The user benefits from intuitive operation as well as the comprehensive view of the compaction area. Because of its compact dimensions, the RD28 is an excellent choice for use in confined areas.

Highlights

- Ergonomic work platform
- Clearly arranged, intuitive operator panel
- Large line-of-sight, compact construction

Technical Data

Mechanical - Output Details

Gradeability	30.0 %
Gradeability max. (without vibration)	40.0 %
Travel speed	0.0 - 12.0 km/h
Static linear load (front)	1.13 kg/mm
Compaction force Level I (front)	52 kN
Compaction force Level II (front)	32 kN
Vibration frequency Level I (front)	67.0 Hz
Vibration frequency Level II (front)	52.0 Hz
Amplitude Level I (front)	0.5200 mm
Amplitude Level II (front)	0.5200 mm
Centrifugal force Level I (front)	52 kN

Mechanical Details

Length	2,530.0 mm
Width	1,310.0 mm
Operating weight	2,655.0 kg
Operating width	1,220.0 mm
Turning radius inside	2,370.0 mm
Wheelbase	1,700.0 mm
Operating weight, max.	3,470.00 kg
Curb clearance (left)	570.0 mm
Curb clearance (right)	570.0 mm
Drum width (front)	1,200.0 mm
Drum diameter (front)	720.0 mm
Drum thickness (front)	15.0 mm

Engine

Cylinder capacity	1,826.0 cm³
Effective power	24.4 kW
Nominal Engine speed	2,600.0 1/min
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	75.0 Ah
Speed max.	2,820.0 1/min
Engine Designation	D1803-M-DI-CT02

Environment Data

Sound power LWA, measured	105.0 dB(A)
Sound power LWA, guaranteed	106.0 dB(A)

Operating Fluids

Water tank capacity	180.0 l
Fuel Tank capacity	42.0 l

Chassis

Pendulum angle +/-	8.0 °

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Wacker Neuson SE | www.wackerneuson.com