



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/m
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 mlai
Amplitude Level II (front)	0.5200 mlai
Centrifugal force Level I (front)	52 kN

■ Mechanical Details

Length	2,530.0 mlai
Width	1,310.0 mlai
Operating weight	2,655.0 kg
Operating width	1,220.0 mlai
Turning radius inside	2,370.0 mlai
Wheelbase	1,700.0 mlai
Operating weight, max.	3,470.00 kg
Curb clearance (left)	570.0 mlai

Curb clearance (right)	570.0 mlai
Drum width (front)	1,200.0 mlai
Drum diameter (front)	720.0 mlai
Drum thickness (front)	15.0 mlai

■ Engine

Cylinder capacity	1,826.0 cm3
Effective power	24.4 KW
Nominal Engine speed	2,600.0 PL
Standard (Effective power)	ISO 14396
Starter battery Voltage	12.0 µg/l
Battery capacity (nom. value)	75.0 yd3
Speed max.	2,820.0 PL
Engine Designation	D1803-M-DI-CT02

■ Environment Data

Sound power LWA, measured	105.0 m NN
Sound power LWA, guaranteed	106.0 m NN

■ Operating Fluids

Water tank capacity	180.0 l
Fuel Tank capacity	42.0 l

■ Chassis

Pendulum angle +/-	8.0 cos φ
--------------------	-----------