



RD28e-120

Electric tandem roller

Comfortable, efficient, and emission-free

The RD28e has an electrically driven vibration and/or oscillation unit. As a result, compaction works can be performed emissionfree without cutting corners in terms of performance. The threepoint articulated joint ensures an equal weight distribution with optimal maneuverability and operational stability. The operator benefits from intuitive operation, as well as the extensive view of the compaction area. The compact dimensions make the RD28e an all-rounder for the construction site.

Highlights

- No exhaust emissions
- Large curb clearance
- Uniform operating concept

Technical Data

Mechanical - Output Detail	S	Operating weight	2,755.0 kg
Gradeability	30.0 %	Dry Weight	2,590.0 kg
Gradeability max. (without vibration)	40.0 %	Gross vehicular weight	2,850.0 kg
Travel speed	0.0 - 8.0 km/h	Curb clearance right	55.0 mm
Static linear load (front)	130.40 kg/mm	Curb clearance left	55.0 mm
Linear load with vibration Level I (real) 498.00 kg/mm	Operating width	1,200.0 mm
Linear load with vibration Level II (rear)	357.10 kg/mm	Ground clearance Middle	280.0 mm
Compaction force Level I (front)	49 kN	Turning radius inside	2,370.0 mm
Compaction force Level II (front)	35 kN	Operating weight with roll-over protective structure	2,755.0 kg
Compaction force I (rear)	49 kN	Wheelbase	1,700.0 mm
Compaction force II (rear)	35 kN	Operating weight, max.	3,140.00 kg
Vibration frequency Level I (front)	65.0 Hz	Curb clearance (left)	570.0 mm
Vibration frequency Level II (front)	51.0 Hz	Curb clearance (right)	570.0 mm
Vibration frequency Level I (rear)	65.0 Hz	Empty weight with ROPS	2,590.0 kg
Vibration frequency Level II (rear)	51.0 Hz	Turning radius outside	3,570.0 mm
Amplitude Level I (front)	0.5000 mm	Drum width (front)	1,000.0 mm
Amplitude Level II (front)	0.5100 mm	Drum width (rear)	1,000.0 mm
Amplitude Level II (rear)	0.5100 mm	Drum diameter (front)	720.0 mm
Centrifugal force Level I (front)	36 kN	Drum diameter (rear)	720.0 mm
Centrifugal force Level I (rear)	36 kN	Drum thickness (front)	15.0 mm
Mechanical Details		Environment Data	
Length	2,530.0 mm	Sound power LWA, measured	99.0 dB(A)

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.

1,310.0 mm

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Width

Sound power LWA, guaranteed

104.0 dB(A)

Operating Fluids

Water tank capacity

180.0 l

Chassis

Pendulum angle +/-

8.0 °

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