

RD24e-100o

Electric tandem roller

Comfortable, efficient, and emission-free

The RD24e has an electrically driven vibration and/or oscillation unit. As a result, compaction works can be performed emission-free without cutting corners in terms of performance. The three-point 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 RD24e an all-rounder for the construction site.

Highlights

- No exhaust emissions
- Uniform operating concept
- Large line-of-sight, compact construction

Technical Data

Mechanical - Output Details

Gradeability	30.0 %
Gradeability max. (without vibration)	40.0 %
Travel speed	0.0 - 8.0 km/h
Static linear load (front)	130.40 kg/mm
Compaction force Level I (front)	49 kN
Compaction force Level II (front)	35 kN
Vibration frequency Level I (front)	65.0 Hz
Vibration frequency Level II (front)	51.0 Hz
Amplitude Level I (front)	0.5000 mm
Amplitude Level II (front)	0.5100 mm
Centrifugal force Level I (front)	36 kN
Oscillation frequency Level I (rear)	36.0 Hz
Oscillation frequency Level II (rear)	29.0 Hz
Tangential amplitude Level II (rear)	1.3 mm
Oscillation force Level I (rear)	33.0 kN
Oscillation force Level II (rear)	23.0 kN

Mechanical Details

Length	2,530.0 mm
Width	1,110.0 mm
Operating weight	2,675.0 kg
Dry Weight	2,510.0 kg
Gross vehicular weight	2,770.0 kg
Curb clearance right	55.0 mm
Curb clearance left	55.0 mm
Operating width	1,000.0 mm
Ground clearance	280.0 mm
Turning radius inside	2,470.0 mm
Operating weight with roll-over protective structure	2,675.0 kg
Wheelbase	1,700.0 mm
Operating weight, max.	3,060.00 kg
Curb clearance (left)	570.0 mm
Curb clearance (right)	570.0 mm
Empty weight with ROPS	2,510.0 kg
Turning radius outside	3,470.0 mm
Drum width (front)	1,000.0 mm
Drum width (rear)	1,000.0 mm
Drum diameter (front)	720.0 mm
Drum diameter (rear)	720.0 mm
Drum thickness (front)	15.0 mm

Environment Data

Sound power LWA, measured	99.0 dB(A)
Sound power LWA, guaranteed	104.0 dB(A)

Operating Fluids

Water tank capacity	180.0 l

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Chassis

Pendulum angle +/-	8.0 °

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