





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 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 RD28e an all-rounder for the construction site.

Highlights

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

Mechanical - Output Details

Technical Data

radeability max. (without vibration)	40.0 %
ravel speed	0.0 - 8.0 km/h
tatic linear load (front)	130.40 kg/mm
inear load with vibration Level I (rear)	498.00 kg/mm
inear load with vibration Level II ear)	357.10 kg/mm
ompaction force Level I (front)	49 kN
ompaction force Level II (front)	35 kN
ompaction force I (rear)	49 kN
ompaction force II (rear)	35 kN
ibration frequency Level I (front)	65.0 Hz
ibration frequency Level II (front)	51.0 Hz
ibration frequency Level I (rear)	65.0 Hz
ibration frequency Level II (rear)	51.0 Hz
mplitude Level I (front)	0.5000 mm
mplitude Level II (front)	0.5100 mm
mplitude Level II (rear)	0.5100 mm
entrifugal force Level I (front)	36 kN
entrifugal force Level I (rear)	36 kN
Mechanical Details	

2,530.0 mm

1,310.0 mm

Operating weight	2,755.0 kg
Dry Weight	2,590.0 kg
Gross vehicular weight	2,850.0 kg
Curb clearance right	55.0 mm
Curb clearance left	55.0 mm
Operating width	1,200.0 mm
Ground clearance	280.0 mm
Turning radius inside	2,370.0 mm
Operating weight with roll-over protective structure	2,755.0 kg
Wheelbase	1,700.0 mm
Operating weight, max.	3,140.00 kg
Curb clearance (left)	570.0 mm
Curb clearance (right)	570.0 mm
Empty weight with ROPS	2,590.0 kg
Turning radius outside	3,570.0 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)

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.

Length

Width

Operating Fluids

Water tank capacity

180.0 I

Chassis

Pendulum angle +/-

8.0 °