

Technical data

HD 12e VV



Tandem rollers Series HD CompactLine

Tandem roller with two vibrating roller drums

H289

HIGHLIGHTS

- > Electric operation, without compromising driving and compaction performance
- > Locally emission-free, with low noise generation
- > High efficiency due to electric motors for vibration/oscillation
- > Recuperation for extended operating time
- > Simple, intuitive and language-neutral operation

TECHNICAL DATA HD 12e VV (H289)

Weights

Operating weight with ROPS	kg	2755
Empty weight without cab, without ROPS	kg	2530
Max. operating weight	kg	3140
Axle load, front/rear	kg	1377/1394
Axle load for max. operating weight, front/rear	kg	1580/1560
Static linear load, front/rear	kg/cm	11,47/11,62
French classification, value/class		11,5/PV3

Machine dimensions

Total length	mm	2530
Total height with ROPS	mm	2475
Height loading, min.	mm	1752
Centre distance	mm	1700
Total width	mm	1310
Maximum working width	mm	1250
Ground clearance, centre	mm	280
Kerb clearance, left/right	mm	570/570
Turning radius, inside	mm	2370

Drum dimensions

Drum width, front/rear	mm	1200/1200
Drum diameter, front/rear	mm	720/720
Drum thickness, front/rear	mm	15/15
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	0/50

Travel drive

Speed, infinitely variable	km/h	0 - 10,0
Gradeability, with/without vibration	%	37/41

Battery

Nominal voltage	V	48
Battery, type		NMC lithium-ion
Capacity	kWh	23,4
230 V/400 V plug type		CEE 7/4 (earthed type F); CEE 16 A

Vibration

Vibration frequency, front, I/II	Hz	65/51
Vibration frequency, rear, I/II	Hz	65/51
Amplitude, front, I/II	mm	0,5/0,5
Amplitude, rear, I/II	mm	0,5/0,5
Centrifugal force, front, I/II	kN	40,7/25
Centrifugal force, rear, I/II	kN	40,7/25

Steering

Swing angle +/-	°	8
Steering, type		Articulated steering

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Water tank, capacity	L	180
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Sound level

Sound power level L(WA), guaranteed	db(A)	104
Sound power level L(WA), representative measurement	db(A)	99

EQUIPMENT

12 V socket + USB | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Pressure water sprinkling system | Driver's platform with entry from both sides | Drive lever, left and right | Track offset, mechanical | CompactLine front towing eye | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Central water outlet

OPTIONAL EQUIPMENT

ROPS, folding | Seat belt monitoring device | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Back-up alarm | JDLink | Working spotlights | Rotating beacon | Drum edge lighting