

Technical data

HD 12e VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H289

HIGHLIGHTS

- > Electrical operation, with no compromise on driving or compacting performance
- > Zero local emissions, with low noise
- > High efficiency from electric motors for vibration/oscillation
- > Recuperation for extended lifetime
- > Compaction with oscillation

TECHNICAL DATA HD 12e VO (H289)

Weights

Operating weight with ROPS	kg	2810
Empty weight without cab, without ROPS	kg	2585
Max. operating weight	kg	3190
Axle load, front/rear	kg	1375/1435
Axle load at max. operating weight, front/rear	kg	1580/1610
Static linear load, front/rear	kg/cm	11,47/11,72
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	%	36/40

Battery

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

Vibration

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

Oscillation

Oscillation force, rear, level I/II	kN	36,6/21,32
Oscillation frequency, rear, level I/II	Hz	38/29
Tangential amplitude, rear, level I/II	mm	1,16/1,16

Steering

Pendulum 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 access 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