

Technical data

HD 12e VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

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
- > Compaction with oscillation

TECHNICAL DATA HD 12e VO (H289)

Weights

Operating weight with ROPS	kg lbs	2810 6,196
Empty weight without cab, without ROPS	kg lbs	2585 5,700
Max. operating weight	kg lbs	3190 7,034
Axle load, front/rear	kg lbs	1375/1435 3,032/3,164
Axle load for max. operating weight, front/rear	kg lbs	1580/1610 3,484/3,550
Static linear load, front/rear	kg/cm lbs/in	11,47/11,72 64.2/65.6
French classification, value/class		11,5/PV3

Machine dimensions

Total length	mm in	2530 99.6
Total height with ROPS	mm in	2475 97.4
Height loading, min.	mm in	1752 69.0
Center distance	mm in	1700 66.9
Total width	mm in	1310 51.6
Maximum working width	mm in	1250 49.2
Ground clearance, center	mm in	280 11.0
Curb clearance, left/right	mm in	570/570 22.4/22.4
Turning radius, inside	mm in	2370 93.3

Drum dimensions

Drum width, front/rear	mm in	1200/1200 47.2/47.2
Drum diameter, front/rear	mm in	720/720 28.3/28.3
Drum thickness, front/rear	mm in	15/15 0.6/0.6
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

Travel drive

Speed, infinitely variable	km/h mph	0 - 10,0 0.0 - 6.2
Gradeability, with/without vibration	%	36/40

Battery

Nominal voltage	V	48
Battery, type		NMC lithium-ion
Capacity	kWh	23,4

Battery

230 V/400 V plug type		CEE 7/4 (earthed type F); CEE 16 A
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Vibration

Vibration frequency, front, I/II	Hz vpm	65/51 3,900/3,060
Amplitude, front, I/II	mm in	0,5/0,51 .020/.020
Centrifugal force, front, I/II	kN lbs	40,7/25 9,158/5,625

Oscillation

Oscillation force, rear, I/II	kN lbs	36,6/21,32 8,235/4,797
Oscillation frequency, rear, I/II	Hz vpm	38/29 2,280/1,740
Tangential amplitude, rear, I/II	mm in	1,16/1,16 .046/.046

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 Gal	180 47.6
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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