

Technical data

HD 10e 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 10e VO (H289)

Weights

Operating weight with ROPS	kg lbs	2675 5,898
Empty weight without cab, without ROPS	kg lbs	2450 5,402
Max. operating weight	kg lbs	3060 6,747
Axle load, front/rear	kg lbs	1305/1370 2,878/3,021
Axle load at max. operating weight, front/rear	kg lbs	1510/1550 3,330/3,418
Static linear load, front/rear	kg/cm lbs/in	13,04/13,42 73.0/75.1
French classification, value/class		13,1/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	1110 43.7
Maximum working width	mm in	1050 41.3
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	2470 97.2

Drum dimensions

Drum width, front/rear	mm in	1000/1000 39.4/39.4
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	%	38/42

Battery

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

Battery

		CEE 7/4 (earthed type F); CEE 16 A
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Vibration

Vibration frequency, front, level I/II	Hz vpm	65/51 3,900/3,060
Amplitude, front, level I/II	mm in	0,51/0,53 .020/.021
Centrifugal force, front, level I/II	kN lbs	35,9/22,1 8,078/4,972

Oscillation

Oscillation force, rear, level I/II	kN lbs	36,6/21,3 8,235/4,792
Oscillation frequency, rear, level I/II	Hz vpm	38/29 2,280/1,740
Tangential amplitude, rear, level I/II	mm in	1,34/1,34 .053/.053

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 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 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