

Technical data

HD 12e VT



Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and set of wheels

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
- > Simple, intuitive and language-neutral control

TECHNICAL DATA HD 12e VT (H289)

Weights

Operating weight with ROPS	kg lbs	2670 5,887
Empty weight without cab, without ROPS	kg lbs	2435 5,369
Max. operating weight	kg lbs	3110 6,858
Axle load, front/rear	kg lbs	1375/1295 3,032/2,855
Axle load at max. operating weight, front/rear	kg lbs	1570/1540 3,462/3,396
Static linear load, front	kg/cm lbs/in	11,47 64.2
French classification, value/class		11,5/PV2
Wheel load per tire, rear	kg lbs	323,75 714

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	1220 48.0
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	mm in	1200 47.2
Drum diameter, front	mm in	720 28.3
Drum thickness, front	mm in	15 0.6
Drum type, front		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

Tire dimensions

Tire size, rear		9,5/65-15
Width over tires, rear	mm in	1140 44.9
Number of tires, rear		4

Travel drive

Speed, infinitely variable	km/h mph	0 - 9,6 0.0 - 6.0
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Travel drive

Gradeability, with/without vibration	%	40/44
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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 vpm	65/51 3,900/3,060
Amplitude, front, level I/II	mm in	0,5/0,5 .020/.020
Centrifugal force, front, level I/II	kN lbs	41/25 9,225/5,625

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
Additive tank, capacity	L Gal	18 4.8

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