

Distributor:	Linder Machinery
Item # 344	

HAMM HD12-VV

BUILD SHEET

Description

Tandem roller with two vibrating roller drums

Exhaust emissions category

EU Stage V / EPA Tier 4

Diesel Engine

Type

D1803-CR

Number of cylinders

3

Emission standard

EU Stage V / EPA Tier 4

Exhaust gas after-treatment

DOC-DPF

Power ISO 14396, rpm

2,200 RPM

Power ISO 14396, HP

32.6 HP

Drum Dimensions

Track offset, right

2 in

Track offset, left

0 in

Drum thickness, rear

0.6 in

Drum thickness, front

0.6 in

Drum diameter, rear

28.3 in

Drum diameter, front

28.3 in

Drum width, rear

47.2 in

Drum width, front

47.2 in

Drive

Speed, infinitely variable

6.3 MPH

Machine Dimensions

Total width

51.6 in

Total length

99.6 in

Max. working width

49.2 in

Wheelbase

66.9 in

Turning radius, inside

93.3 in

Total height with ROPS

97.4 in

Height, loading, min.

69 in

Weight

Operating weight, max.

7,519 lbs

Operating weight with ROPS

5,942 lbs

Tank Capacity

Fuel tank, capacity

11.1 gpm

Water tank, capacity

47.6 gpm

HD 12i VV

Tandem roller with two vibrating roller drums

Tandem rollers Series HD CompactLine / Series H251



HIGHLIGHTS HD CompactLine

- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading
- > Ergonomic driver platform
- > Excellent view of drum edge, machine and construction site environment
- > Compact dimensions



Machine dimensions

Total length (L)	mm • in	2530 • 99.6
Width (B)	mm • in	1310 • 51.6
Total height (H)	mm • in	2475 • 97.4
Drum width (X)	mm • in	1200/1200 • 47.2/47.2
Height, loading, min. (Hl)	mm • in	1752 • 69.0



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD 12i VV
	Weights		
	Operating weight with ROPS	kg • lbs	2695 • 5,942
	Operating weight, max.	kg • lbs	3410 • 7,519
	Static linear load, front/rear	kg/cm • lbs/in	11,1/11,3 • 62.2/63.3
	French classific., data/class		11,3/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
	Wheelbase	mm • in	1700 • 66.9
	Total width	mm • in	1310 • 51.6
	Max. working width	mm • in	1250 • 49.2
	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
	Diesel engine		
	Manufacturer		KUBOTA
	Type		D1803-CR
	Number of cylinders		3
	Power rat. ISO 14396, kW/PS/rpm		24.0/32,6/2200
	Power rating SAE J1995, kW/HP/rpm		24,0/32,2/2200
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	Drive		
	Speed, infinitely variable	km/h • mph	10,2 • 6.3
	Climbing ability, vibration on/off	%	30/40
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	65/51 • 3,900/3,060
	Vibration frequency, rear, I/II	Hz • vpm	65/51 • 3,900/3,060
	Amplitude, front, I/II	mm • in	0,45/0,45 • .018/.018
	Amplitude, rear, I/II	mm • in	0,45/0,45 • .018/.018
	Centrifugal force, front, I/II	kN • lbs	49/30 • 11,025/6,750
	Centrifugal force, rear, I/II	kN • lbs	49/30 • 11,025/6,750
	Steering		
	Oscillation angle +/-	°	8
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	42 • 11.1
	Water tank, capacity	L • Gal	180 • 47.6
	Sound level		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		102

EQUIPMENT

12 V outlet, 3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Pressure water sprinkling with interval switch, Operator's platform with entry from both sides, Left and right drive lever, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central lifting bracket, Central water drain, Lighting package as per road traffic regulations

OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS, foldable, Safety belt monitoring device, Protective roof, Edge pressing and cutting equipment, Edge pressing and cutting equipment, track indicator, Chip spreader, All-wheel lock, Anti-freeze injection, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Telematics system, interface, Working light, Rotating beacon, Drum edge lighting, Cup holder, Water drain valve, Tow eye, front, Tow hitch

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