

H 13i VIO

Compactor with VIO-drum

Compactors Series H / Series H234



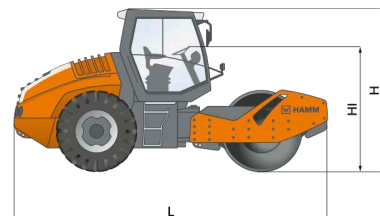
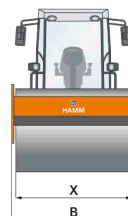
HIGHLIGHTS H

- > 3-point articulation for excellent traction and cross-country mobility
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > VIO compaction system—vibration or oscillation



Machine dimensions

Total length (L)	mm • in	230.3 • 230.3
Width (B)	mm • in	89.9 • 89.9
Total height (H)	mm • in	116.5 • 116.5
Drum width (X)	mm • in	84.3 • 84.3
Height, loading, min. (HI)	mm • in	90.9 • 90.9



EU Stage
IV/EPA Tier
4

TECHNICAL DATA		Unit	H 13i VIO
	Weights		
	Operating weight with cab	kg • lbs	12610 • 27,805
	Operating weight with ROPS	kg • lbs	12350 • 27,232
	Operating weight, max.	kg • lbs	15620 • 34,442
	Axle load, front/rear	kg • lbs	6865/5745 • 15,137/12,668
	Static linear load, front	kg/cm • lbs/in	32,1 • 179.8
	Machine dimensions		
	Total length	mm • in	5850 • 230.3
	Total height with cab	mm • in	2960 • 116.5
	Height, loading, min.	mm • in	2308 • 90.9
	Wheelbase	mm • in	3150 • 124.0
	Total width with cab	mm • in	2284 • 89.9
	Ground clearance, center	mm • in	390 • 15.4
	Turning radius, inside	mm • in	3870 • 152.4
	Angle of driving slope, front/rear		53/32
	Drum dimensions		
	Drum width, front	mm • in	2140 • 84.3
	Drum diameter, front	mm • in	1504 • 59.2
	Drum thickness, front	mm • in	30 • 1.2
	Drum type, front		Smooth
	Wheel dimensions		
	Size of tires, rear		AW 23.1-26 12 PR
	Diesel engine		
	Manufacturer		DEUTZ
	Type		TCD 4.1 L4
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		115,0/156,4/2300
	Power rating SAE J1349, kW/HP/rpm		115,0/154,1/2300
	Emission standard		EU Stage IV/EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	Drive		
	Speed, infinitely variable	km/h • mph	0 - 12,0 • 0.0 - 7.5
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off		52/57
	Vibration		
	Vibration frequency	Hz • vpm	33 • 1,980
	Amplitude, vibration	mm • in	1,88 • .074
	Centrifugal force, vibr.	kN • lbs	279 • 62,775
	Oscillation		
	Oscillation force	kN • lbs	230 • 51,750
	Oscillation frequency	Hz • vpm	30 • 1,800
	Tangential amplitude, oscillation	mm • in	1,74 • .069
	Steering		
	Oscillation angle +/-		10
	Steering, type		Articulated steering
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	280 • 74.0
	AdBlue/DEF tank, content	L • Gal	32 • 8.5
	Sound level		
	Acoustic power LW(A), sticker		105
	Acoustic power LW(A), measured		103

EQUIPMENT

2 large working and rear view mirrors, 2 multiply-adjustable armrests, 3-point articulation, Storage bin, lockable, Dashboard with displays, indicator lights and function key, Automatic traction control and anti-slip control, Operating concept Easy Drive, ECO mode, Speed preselect, Cup holder, Hammtronic—electronic machine management, Hose protection on front vehicle, Vibration-isolated operator's platform, Space for cooler, Stepless hydrostatic all-wheel drive, Automatic vibration system, ROPS, rigid

OPTIONAL EQUIPMENT

HCQ navigator, Rotating seat adapter, Steering column with comfort exit and tiltable dashboard, Combination scraper for smooth drum and padfoot shells, Rotating beacon, Dozer blade, Protective roof, Padfoot shell, Auxiliary heater, Working light, Back-up alarm, Frequency control, Radio, ROPS cabin with heating, FOPS-approved (level I), ROPS cabin with heating and air conditioning, FOPS-approved (level I), Safety belt monitoring device, Automatic engine-off function, Engine hood with electrical easy access engine cover release, Telematics interface, Vibration plate, complete, Armrest

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