

H 18i

Compactor with smooth drum
Compactors Series H / Series H233



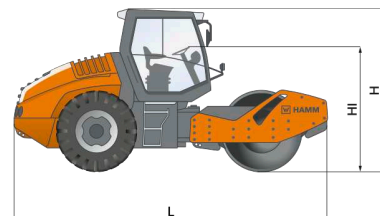
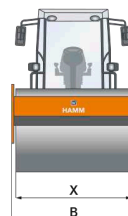
HIGHLIGHTS H

- > 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
- > High compaction performance due to linear load and big amplitudes













Machine dimensions

Total length (L)	mm • in	259.8 • 259.8
Width (B)	mm • in	90.9 • 90.9
Total height (H)	mm • in	116.9 • 116.9
Drum width (X)	mm • in	84.3 • 84.3
Height, loading, min. (HI)	mm • in	91.3 • 91.3



EU Stage
IV/EPA Tier
4

TECHNICAL DATA		Unit	H 18i
	Weights		
	Operating weight with cab	kg • lbs	18305 • 40,363
	Operating weight, max.	kg • lbs	20500 • 45,202
	Axle load, front/rear	kg • lbs	11865/6440 • 26,162/14,200
	Static linear load, front	kg/cm • lbs/in	55,4 • 310.2
	Machine dimensions		
	Total length	mm • in	6600 • 259.8
	Total height with cab	mm • in	2970 • 116.9
	Height, loading, min.	mm • in	2320 • 91.3
	Wheelbase	mm • in	3265 • 128.5
	Total width with cab	mm • in	2308 • 90.9
	Ground clearance, center	mm • in	390 • 15.4
	Turning radius, inside	mm • in	4200 • 165.4
	Angle of driving slope, front/rear		43/28
	Drum dimensions		
	Drum width, front	mm • in	2140 • 84.3
	Drum diameter, front	mm • in	1600 • 63.0
	Drum thickness, front	mm • in	45 • 1.8
	Drum type, front		Smooth
	Wheel dimensions		
	Size of tires, rear		AW 23.1-26 12 PR
	Diesel engine		
	Manufacturer		DEUTZ
	Type		TCD 6.1 L6
	Number of cylinders		6
	Power rat. ISO 14396, kW/PS/rpm		160,0/217,6/2300
	Power rating SAE J1349, kW/HP/rpm		160,0/214,4/2300
	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		Hammatronic
	Climbing ability, vibration on/off		53/58
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	27/30 • 1,620/1,800
	Amplitude, front, I/II	mm • in	2,05/1,22 • .081/.048
	Centrifugal force, front, I/II	kN • lbs	331/242 • 74,475/54,450
	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		106
	Acoustic power LW(A), measured		105

EQUIPMENT
ROPS, rigid

OPTIONAL EQUIPMENT
HCQ navigator, Rotating seat adapter, Steering column with comfort exit and tiltable dashboard, Rotating beacon, Dozer blade, Protective roof, Padfoot shell, 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, WIFMS fleet management interface, WITOS FleetView telematics system incl. 3 year validity period

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