

H 18i

Compactor with smooth drum

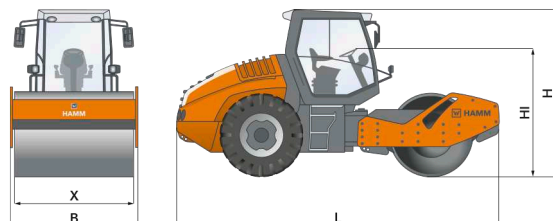
Compactors Series H / Series H268









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	6600 • 259.8
Width (B)	mm • in	2308 • 90.9
Total height (H)	mm • in	2970 • 116.9
Drum width (X)	mm • in	2140 • 84.3
Height, loading, min. (HI)	mm • in	2320 • 91.3



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	H 18i
	Weights		
Operating weight with cab	kg • lbs	18415 • 40,605	
Operating weight with ROPS	kg • lbs	18225 • 40,186	
Operating weight, max.	kg • lbs	20540 • 45,291	
Axle load, front/rear	kg • lbs	11900/6515 • 26,239/14,366	
Static linear load, front	kg/cm • lbs/in	55,6 • 311.3	
French classific., data/class		79,6/VM5	
Load per tire, rear	kg • lbs	3257,5 • 7,183	
	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	
Width over tires, rear	mm • in	2160 • 85.0	
Number of tires, rear		2	
	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 V / 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	%	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	db(A)	106	
Acoustic power LW(A), measured	db(A)	104	

EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, 3-point articulation, Dashboard with displays, indicator lights and function key, Operating concept Easy Drive, ECO mode, Speed preselect, Hose protection on front vehicle, Vibration-isolated operator's platform, Automatic vibration system, ROPS, rigid, Steering column adjustment, Rotating seat adapter, Lighting package as per road traffic regulations, Working lights on ROPS, 4-fold, halogen

OPTIONAL EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I), Safety belt monitoring device, Armrest comfort setting, left, Auxiliary heater, Radio, HCQ navigator, Dashboard cover, Protective roof, Dozer blade, Padfoot shell, Frequency control, HAMM Compaction Meter (HCM), Automatic engine-off function, Camera system, Telematics interface, Rotating beacon, Engine hood with electrical easy access engine cover release, Coming home lighting

WIRTGEN AMERICA

6030 Dana Way
 Antioch, TN 37013
 Phone +1 615-501-0600
 Fax +1 615-501-0691
 info.america@wirtgen-group.com
 www.wirtgen-group.com/america

HAMM AG

Hammstraße 1
 D-95643 Tirschenreuth
 Tel +49 9631 80-0
 Fax +49 9631 80-111
 www.hamm.eu

