

# HP 180i

Pneumatic tire roller

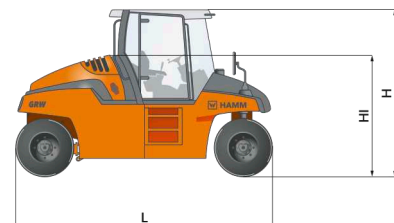
Pneumatic tire rollers Series HP / Series H250












## HIGHLIGHTS HP

- > Simple, intuitive and language-neutral control
- > Excellent view of tires, machine and construction site
- > High compaction and surface quality due to even weight distribution and tire overlap of the front and rear wheel pairs
- > Intelligent ballasting concept for flexible adjustment of the machine weight to the application
- > Seat-operating unit can be moved and rotated

Machine dimensions		
Total length (L)	mm • in	4970 • 195.7
Width (B)	mm • in	2166 • 85.3
Total height (H)	mm • in	3000 • 118.1
Width over tires (Y)	mm • in	1830/1830 • 72.0/72.0
Height, loading, min. (H1)	mm • in	2320 • 91.3



EU Stage V /  
EPA Tier 4

TECHNICAL DATA		Unit	HP 180i
	<b>Weights</b>		
Operating weight with cab	kg • lbs	8515 • 18,776	
Operating weight with ROPS	kg • lbs	8265 • 18,224	
Basic weight no cab, without ROPS	kg • lbs	7295 • 16,085	
Operating weight, max.	kg • lbs	17180 • 37,882	
French classification min., value/category		11,3/PLO	
French classification max. value/category		21,6/P0	
Min. wheel load per tire, front/rear	kg • lbs	1000/1129 • 2,205/2,489	
Max. wheel load per tire, front/rear	kg • lbs	2160/1969 • 4,763/4,342	
	<b>Machine dimensions</b>		
Total length	mm • in	4970 • 195.7	
Total height with cab	mm • in	3000 • 118.1	
Total height with ROPS	mm • in	2986 • 117.6	
Height, loading, min.	mm • in	2320 • 91.3	
Wheelbase	mm • in	3900 • 153.5	
Total width with cab	mm • in	2166 • 85.3	
Max. working width	mm • in	2084 • 82.0	
Ground clearance, center	mm • in	300 • 11.8	
Turning radius, inside	mm • in	6200 • 244.1	
	<b>Wheel dimensions</b>		
Size of tires, front/rear		11.00-R20/11.00-R20	
Width over tires, front/rear	mm • in	1830/1830 • 72.0/72.0	
Number of tires, front/rear		4/4	
	<b>Diesel engine</b>		
Manufacturer		DEUTZ	
Type		TCD 3.6 L4	
Number of cylinders		4	
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2200	
Power rating SAE J1995, kW/HP/rpm		55,5/74,2/2200	
Emission standard		EU Stage V / EPA Tier 4	
Exhaust gas after-treatment		DOC-DPF	
	<b>Drive</b>		
Speed, infinitely variable	km/h • mph	0-15,0 • 0.0-9.3	
Regulation, infinitely variable		Hamtronic	
Climbing ability, with/no ballast	%	25/35	
	<b>Steering</b>		
Oscillation angle +/-	°	2	
Steering, type		Two-point steering	
	<b>Sprinkler system</b>		
Water sprinkler, type		Pressure	
	<b>Tank capacity/Fill capacity</b>		
Fuel tank, capacity	L • Gal	235 • 62.1	
Water tank, capacity	L • Gal	650 • 171.7	
Additive tank, capacity	L • Gal	28 • 7.4	
	<b>Sound level</b>		
Acoustic power LW(A), sticker	db(A)	101	
Acoustic power LW(A), measured	db(A)	97	

#### EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, Dashboard with displays, indicator lights and function key, Tilttable dashboard, Operating concept Easy Drive, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Speed-controlled water sprinkling system, Leveling of front wheelset, Maintenance platform, Spray system with spray bars front and rear, Water filtering (triple), Water tank at front, Central water drain, Lighting package as per road traffic regulations

#### OPTIONAL EQUIPMENT

Machine with 10 tons operating weight and additional water tank, Brush scraper, collapsible, ROPS cabin with split doors, Heating and air conditioning, Seat operating unit, sideways adjustable and rotatable, Radio, Tachograph, HCQ navigator, Fire extinguisher, Dashboard cover, Protective roof, Edge pressing and cutting equipment, Cutting disc, Thermal aprons, Tire inflation system, HAMM Temperature Meter (HTM), Working light, Rotating beacon

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