

HP 180

Pneumatic tire roller

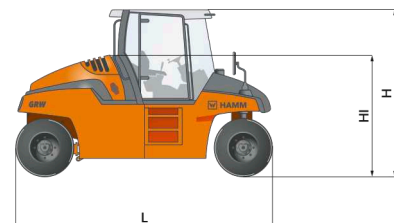
Pneumatic tire rollers Series HP / Series H248












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
III A/EPA
Tier 3

TECHNICAL DATA		Unit	HP 180
	Weights		
Operating weight with cab	kg • lbs	8505 • 18,754	
Operating weight with ROPS	kg • lbs	8255 • 18,202	
Basic weight no cab, without ROPS	kg • lbs	7285 • 16,063	
Operating weight, max.	kg • lbs	17170 • 37,860	
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	999/1127 • 2,203/2,485	
Max. wheel load per tire, front/rear	kg • lbs	2159/1967 • 4,761/4,337	
	Machine dimensions		
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	
	Wheel dimensions		
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	
	Diesel engine		
Manufacturer		DEUTZ	
Type		TCD 2012 L04 2V	
Number of cylinders		4	
Power rat. ISO 14396, kW/PS/rpm		85,0/115,6/2000	
Power rating SAE J1349, kW/HP/rpm		85,0/113,9/2000	
Emission standard		EU Stage IIIA/EPA Tier 3	
Exhaust gas after-treatment		-	
	Drive		
Speed, infinitely variable	km/h • mph	0-19,0 • 0.0-11.8	
Regulation, infinitely variable		Hamtronic	
Climbing ability, with/no ballast	%	25/35	
	Steering		
Oscillation angle +/-	°	2	
Steering, type		Two-point steering	
	Sprinkler system		
Water sprinkler, type		Pressure	
	Tank capacity/Fill capacity		
Fuel tank, capacity	L • Gal	235 • 62.1	
Water tank, capacity	L • Gal	650 • 171.7	
Additive tank, capacity	L • Gal	28 • 7.4	
	Sound level		
Acoustic power LW(A), sticker	db(A)	103	
Acoustic power LW(A), measured	db(A)	101	

EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, Dashboard with displays, indicator lights and switches, Tilttable dashboard, ECO mode, Speed-controlled water sprinkling system, Leveling of front wheelset, Vibration-isolated operator's platform, Maintenance platform, Spray system with spray bars front and rear, Water filtering (triple), Water tank at front, Central water drain

OPTIONAL EQUIPMENT

Machine with 10 tons operating weight and additional water tank, Brush scraper, collapsible, Plastic scraper, foldable, ROPS cabin with split doors, Heating and air conditioning, Steering column with comfort exit and tilttable dashboard, Version with ASC (anti-slip control), Hydraulic oil, bio-degradable (Panolin), Tachograph, Edge pressing and cutting equipment, Spare tire, HAMM Temperature Meter (HTM), Back-up alarm, Telematics interface, Working light, Rotating beacon, Locking device

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