

HP 280i

Pneumatic tire roller

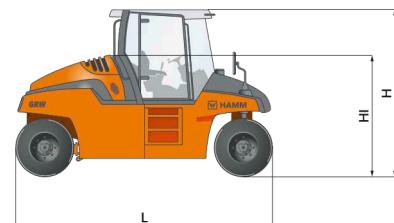
Pneumatic tire rollers Series HP / Series H271



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
IV/EPA Tier
4

TECHNICAL DATA		Unit	HP 280i
Weights			
Operating weight with cab	kg • lbs		9505 • 20,959
Operating weight with ROPS	kg • lbs		9320 • 20,551
Basic weight no cab, without ROPS	kg • lbs		8265 • 18,224
Operating weight, max.	kg • lbs		26970 • 59,469
French classification min., value/category			13,1/PLO
French classification max. value/category			35,1/P1
Min. wheel load per tire, front/rear	kg • lbs		1070/1306 • 2,359/2,880
Max. wheel load per tire, front/rear	kg • lbs		3506/3070 • 7,731/6,769
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 3.6 L4
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 IV/EPA Tier 4
Exhaust gas after-treatment			DOC-SCR
Drive			
Speed, infinitely variable	km/h • mph		0-19,0 • 0.0-11.8
Regulation, infinitely variable			Hammtronic
Climbing ability, with/no ballast	%		25/35
Steering			
Steering, type			Two-point steering
Sprinkler system			
Water sprinkler, type			Pressure
Tank capacity/Fill capacity			
Fuel tank, capacity	L • Gal		235 • 62.1
AdBlue/DEF tank, content	L • Gal		20 • 5.3
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)		100

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, CE conformity, ROPS, rigid, Steering column adjustment, Lighting package as per road traffic regulations

OPTIONAL EQUIPMENT

Rear and front axle brake, ROPS cabin with non-split doors, Heating and air conditioning, Seat operating unit, sideways adjustable and rotatable, Version with ASC (anti-slip control), Safety belt monitoring device, Radio, HCQ navigator, Dashboard cover, Protective roof, Edge pressing and cutting equipment, Spare tire, Ballast chamber under the operator's platform in rear, Thermal aprons, Additive sprinkling system, Anti-freeze injection, Tire inflation system, Automatic engine-off function, HAMM Temperature Meter (HTM), Camera system, Back-up alarm, Telematics interface, Rotating beacon, Tire lighting, LED, Guard rail on maintenance platform, Longitudinal seat adjustment, Coming home lighting, Water tank cover, lockable, Step water tank, Lamp protection, Guard bracket for water tank

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