

Technical data

HP 280i



Pneumatic-tire rollers Series HP

Pneumatic-tire roller

H282

HIGHLIGHTS

- > 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
- > Seat-operating unit can be moved and rotated
- > Intelligent ballasting concept for flexible adjustment of the machine weight to the application

TECHNICAL DATA HP 280i (H282)

Weights

Operating weight with cab	kg lbs	9505 20,959
Operating weight with ROPS	kg lbs	9320 20,551
Empty weight without cab, without ROPS	kg lbs	8265 18,224
Max. operating weight	kg lbs	27970 61,674
Axle load, front/rear	kg lbs	4280/5225 9,437/11,521
Flexible ballasting, minimum/maximum	kg lbs	9505/27970 20,959/61,674
French classification minimum, value/class		13,1/PLO
French classification maximum, value/class		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
Center distance	mm in	3900 153.5
Total width with cab	mm in	2166 85.3
Maximum working width	mm in	2084 82.0
Ground clearance, center	mm in	300 11.8
Turning radius, inside	mm in	6200 244.1

Tire 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
Model		TCD 3.6 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		85,0/115,6/2000
Power SAE J1349, kW/HP/rpm		85,0/113,9/2000
Exhaust emissions category, EU		EU Stage 5

Diesel engine

Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Japan		
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF-SCR

Travel drive

Speed, infinitely variable	km/h mph	0-19,0 0.0-11.8
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without ballast	%	25/35

Steering

Steering angle +/-	°	30
Pendulum angle +/-	°	2
Steering, type		Two-point steering

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L Gal	235 62.1
AdBlue/SCR reducing agent tank, capacity	L Gal	20 5.3
Water tank, capacity	L Gal	650 171.7
Additive tank, capacity	L Gal	28 7.4

Sound level

Sound power level L(WA), guaranteed	db(A)	102
Sound power level L(WA), representative measurement	db(A)	100

EQUIPMENT

12 V sockets (double) | Two large exterior rear-view mirrors | Dashboard with displays, indicator lights and function keys | Dashboard tilttable | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Level compensation of the front wheel pairs | Maintenance platform | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank, front | Central water outlet

OPTIONAL EQUIPMENT