



Pneumatic-tire rollers Series HP

neumatic-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

HP 280i | TECHNICAL DATA HAMM

TECHNICAL DATA HP 280i (H282)

Operating weight with cab kg 19505 (20,959) Operating weight with ROPS (bs) 20,959 Empty weight without cab, without ROPS (bs) kg 8265 (18,224) Max. operating weight (bs) kg 27970 (16,674) Axle load, front/rear (bs) kg 4280/5225 (18,224) Flexible ballasting, minimum, value/class kg 9505/27970 (20,959/61,674) French classification maximum, value/class 35,1/P1 Min. wheel load per tire, front/rear (bs) kg 1070/1306 (23,359/2,880) Max. wheel load per tire, front/rear (bs) kg 3506/3070 (35,731/6,769) Machine dimensions 3006/3070 (37,731/6,769) Total length (sin the cab) (in 195.7) mm 4970 (in 195.7) Total height with Cab (in 195.7) mm 2986 (in 117.6) Height loading, min. (in 91.3) mm 23900 (in 117.6) Center distance (in 153.5) mm 3900 (in 153.5) Total width with cab (in 85.3) mm 2166 (in 85.3) Maximum working width (in 82.0) mm 2084 (in 82.0) Ground clearance, c	Weights	
Departing weight with ROPS Ibs 20,551	Operating weight with cab	
without ROPS lbs 18,224 Max. operating weight kg 27970 Ibs 61,674 Axle load, front/rear kg 4280/5225 Ibs 9,437/11,521 Flexible ballasting, minimum/maximum kg 9505/27970 Ibs 20,959/61,674 French classification minimum, value/class 13,1/PLO French classification maximum, value/class 35,1/Pl Min. wheel load per tire, front/rear kg 1070/1306 Max. wheel load per tire, front/rear kg 3506/3070 Max. wheel load per tire, front/rear kg 3506/3070 Machine dimensions mm 4970 Total length mm 3000 in 118.1 Total height with ROPS mm 2986 in 118.1 Total height with ROPS mm 2320 Height loading, min. mm 2320 Total width with cab mm 2084 for out distance mm 2084 for out distance	Operating weight with ROPS	
Max. operating weight lbs 61,674 Axle load, front/rear kg 4280/5225 Ibs 9,437/11,521 Flexible ballasting, minimum/maximum kg 9505/27970 French classification minimum, value/class 13,1/PLO French classification maximum, value/class 35,1/P1 Min. wheel load per tire, front/rear kg 1070/1306 Max. wheel load per tire, front/rear kg 3506/3070 Machine dimensions 7,731/6,769 Machine dimensions mm 4970 Total length mm 3000 in 118.1 118.1 Total height with ROPS mm 2986 in 117.6 117.6 Height loading, min. mm 2320 in 91.3 3900 Center distance mm 2166 in 91.3 91.3 Maximum working width mm 2084 in 2166 85.3 Maximum working width mm 6200		
Simple S	Max. operating weight	
minimum/maximum Ibs 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 1070/1306 Max. wheel load per tire, front/rear kg 3506/3070 Machine dimensions mm 4970 Total length mm 3000 in 118.1 118.1 Total height with cab mm 2986 in 117.6 117.6 Height loading, min. mm 2320 in 91.3 2986 Center distance mm 3900 in 153.5 153.5 Total width with cab mm 2166 in 85.3 85.3 Maximum working width mm 2084 in 11.8 11.8 Turning radius, inside mm 6200 in 11.8 11.00-R20/11.00-R20 Width over tires, front/rear 1830/1830 72.0/72.0	Axle load, front/rear	
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maximum, value/class 35, IPFI Min, wheel load per tire, front/rear kg 1070/1306 Max. wheel load per tire, front/rear kg 3506/3070 Machine dimensions 7,731/6,769 Machine dimensions mm 4970 Total length mm 3000 in 118.1 Total height with ROPS mm 2986 in 117.6 Height loading, min. mm 2320 in 91.3 Center distance mm 3900 in 153.5 Total width with cab mm 2166 in 85.3 Maximum working width mm 2084 in 85.3 Maximum working width mm 6200 in 11.8 Turning radius, inside mm 6200 in 244.1 Tire dimensions Size of tires, front/rear 11.00-R20/11.00-R20 Width over tires, front/rear 1830/13830 72.0/72.0		13,1/PLO
front/rear lbs 2,359/2,880 Max. wheel load per tire, front/rear kg 3506/3070 Machine dimensions 7,731/6,769 Total length mm 4970 In 195.7 Total height with cab mm 3000 in 118.1 Total height with ROPS mm 2986 in 117.6 Height loading, min. mm 2320 in 91.3 Center distance mm 3900 in 153.5 Total width with cab mm 2166 in 85.3 Maximum working width mm 2084 in 82.0 Ground clearance, center mm 300 in 11.8 Turning radius, inside mm 6200 244.1 244.1 Tire dimensions Size of tires, front/rear 11.00-R20/11.00-R20 Width over tires, front/rear 1830/1830 Manufacturer		35,1/P1
Machine dimensions Total length mm in 195.7 Total height with cab in 118.1 mm 3000 in 118.1 Total height with ROPS in 117.6 mm 2986 in 117.6 Height loading, min. mm 2320 in 91.3 Center distance in 153.5 mm 2166 in 85.3 Maximum working width in 82.0 mm 3000 in 11.8 Ground clearance, center in 11.8 mm 300 in 11.8 Turning radius, inside in 244.1 mm 6200 in 244.1 Tire dimensions Size of tires, front/rear in 11.00-R20/11.00-R20 Width over tires, front/rear in 12.07/2.0 11.00-R20/11.00-R20 Number of tires, front/rear in 12.07/2.0 Manufacturer in 12.07/2.0 Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm 85,0/113,9/2000 Exhauct amirsions catagory		
Total length mm in 4970 195.7 Total height with cab mm 3000 118.1 Total height with ROPS mm 2986 117.6 Height loading, min. mm 2320 17.3 Center distance mm 3900 153.5 Total width with cab mm 2166 18.5 Maximum working width mm 2084 18.2 Ground clearance, center mm 300 11.8 Turning radius, inside mm 6200 244.1 Tire dimensions 302 244.1 Size of tires, front/rear 11.00-R20/11.00-R20 Width over tires, front/rear 11.00-R20/11.00-R20 Width over 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		
Total height with cab	Machine dimensions	
Total height with ROPS	Total length	
In	Total height with cab	
Center distance	Total height with ROPS	
Total width with cab	Height loading, min.	
In	Center distance	
Section Sect	Total width with cab	
Turning radius, inside in 11.8 Turning radius, inside in 244.1 Tire dimensions Size of tires, front/rear 11.00-R20/11.00-R20 Width over tires, front/rear in 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	Maximum working width	
Turning radius, inside in 244.1 Tire dimensions Size of tires, front/rear 11.00-R20/11.00-R20 Width over tires, front/rear 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	Ground clearance, center	
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	Turning radius, inside	
Width over tires, front/rear mm in 1830/1830 72.0/72.0 Number of tires, front/rear 4/4 Diesel engine 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	Tire dimensions	
Number of tires, front/rear Number of tires, front/rear Diesel engine Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emissions sategory	Size of tires, front/rear	11.00-R20/11.00-R20
Diesel engine DEUTZ 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	Width over tires, front/rear	
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		4/4
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Power ISO 14396, kW/PS/rpm 85,0/115,6/2000 Power SAE J1349, kW/HP/rpm 85,0/113,9/2000 Exhaust emissions sategory		
Power SAE J1349, kW/HP/rpm 85,0/113,9/2000		·
Exhaust emissions category		
EU Stage 5	Exhaust emissions category,	

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 +/-	٥	30
Pendulum angle +/-	٥	2
Steering, type		Two-point steering
Water-sprinkling system		
Water sprinkling, type		Pressure
Tank capacity/filling capac	ity	
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 tiltable | 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

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