

Technical data

HP 280i



Pneumatic-tyre rollers Series HP
Pneumatic-tyre roller

H282

HIGHLIGHTS

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

TECHNICAL DATA HP 280i (H282)

Weights

Operating weight with cab	kg	9505
Operating weight with ROPS	kg	9320
Empty weight without cab, without ROPS	kg	8265
Max. operating weight	kg	27970
Axle load, front/rear	kg	4280/5225
Flexible ballasting, min/max	kg	9505/27970
Min. French classification, value/class		13,1/PLO
Max. French classification, value/class		35,1/P1
Min. wheel load per tyre, front/rear	kg	1070/1306
Max. wheel load per tyre, front/rear	kg	3506/3070

Machine dimensions

Total length	mm	4970
Total height with cab	mm	3000
Total height with ROPS	mm	2986
Height loading, min.	mm	2320
Centre distance	mm	3900
Total width with cab	mm	2166
Maximum working width	mm	2084
Ground clearance, centre	mm	300
Turning radius, inside	mm	6200

Tyre dimensions

Size of tyres, front/rear		11.00-R20/11.00-R20
Width over tyres, front/rear	mm	1830/1830
Number of tyres, 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
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	0-19,0
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	235
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	650
Additive tank, capacity	L	28

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

Rear and front axle brake | ROPS cab with non-split doors | Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat operating unit, adjustable sideways and rotatable | Version with ASC (anti-slip control) | Radio | Tachograph | Process data interface for third-party provider systems, asphalt construction | Dashboard cover | Edge pressing and cutting device | Thermal aprons | Additive sprinkling | Tyre-inflation system | Automatic engine stop | HAMM Temperature Meter (HTM) | Telematics system | Working spotlights | Rotating beacon | Coming Home function | Battery isolation switch | Locking device | Tool kit