

Technical data

HP 180i



Pneumatic-tyre rollers Series HP
Pneumatic-tyre roller

H250

HIGHLIGHTS

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

TECHNICAL DATA HP 180i (H250)

Weights

Operating weight with cab	kg	8515
Operating weight with ROPS	kg	8265
Empty weight without cab, without ROPS	kg	7295
Max. operating weight	kg	18310
Flexible ballasting, minimal/maximal	kg	8515/18310
Minimum french classification, value/class		11,3/PLO
Maximum french classification, value/class		21,6/P0
Min. wheel load per tyre, front/rear	kg	1000/1129
Max. wheel load per tyre, front/rear	kg	2160/1969

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		55,4/75,3/2000
Power SAE J1349, kW/HP/rpm		55,5/74,2/2000
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h	0-15,0
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
Water tank, capacity	L	650
Additive tank, capacity	L	28

Sound level

Sound power level L(WA), guaranteed	db(A)	100
Sound power level L(WA), representative measurement	db(A)	98

EQUIPMENT

12 V sockets (2-fold) | 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 | Lighting package for driving on public roads

OPTIONAL EQUIPMENT

Scraper made from brushes, folding | ROPS cab with split doors | Heating and air-conditioning system | Seat operating unit, adjustable sideways and rotatable | Tachograph | Process data interface for third-party provider systems, asphalt construction | Dashboard cover | Protective roof | Edge pressing and cutting equipment | HAMM Temperature Meter (HTM) | Telematics system | Working spotlights | Rotating beacon | Coming Home function | Battery isolation switch | Tool kit