

Technical data

HP 180



Pneumatic tyre rollers Series HP
Pneumatic tyre roller

H248

HIGHLIGHTS

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

TECHNICAL DATA HP 180 (H248)

Weights

Operating weight with cab	kg	8505
Operating weight with ROPS	kg	8255
Basic weight no cab, without ROPS	kg	7285
Operating weight, max.	kg	17170
French classification min. value/category		11,3/PLO
French classification max., value/category		21,6/P0
Min. wheel load per tyre, front/rear	kg	999/1127
Max. wheel load per tyre, front/rear	kg	2159/1967

Machine dimensions

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

Wheel 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
Version		TCD 2012 L04 2V
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		89,0/121,0/2000
Power rating SAE J1349, kW/HP/rpm		89,0/119,3/2000
Emission standard		EU Stage IIIA / EPA Tier 3
Exhaust gas after-treatment		-

Drive

Speed, infinitely variable	km/h	0-19,0
Regulation, infinitely variable		Hammtronic
Climbing ability, with/no ballast	%	25/35

Steering

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

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Fuel tank, capacity	L	235
Water tank, capacity	L	650
Additive tank, capacity	L	28

Sound level

Acoustic power LW(A), measured	db(A)	101
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EQUIPMENT

12 V sockets (double) | 2 large working and rear view mirrors | Dashboard with displays, indicator lights and switches | Tilttable dashboard | ECO mode | Speed-controlled water sprinkling system | Levelling of front wheelset | Vibration-isolated operator's platform | Maintenance platform | Spray system with spray bars front and rear | Water filtering (triple) | Water tank, front | Central water drain

OPTIONAL EQUIPMENT

Machine with 10-ton operating weight and additional water tank | Brush scraper, collapsible | Plastic scraper, foldable | ROPS cabin with split doors | Heating and air conditioning | Steering column with comfort exit and tilttable dashboard | Version with ASC (anti-slip control) | Hydraulic oil, bio-degradable (Panolin) | Tachograph | Edge pressing and cutting equipment | Spare tyre | Thermal aprons | Additive sprinkling system | Tyre inflation system | HAMM Temperature Meter (HTM) | Back-up alarm (reversing) | Telematics interface | Working lights | Rotating beacon | Locking device