

Technical data

# HP 180



**Pneumatic-tire rollers Series HP**

Pneumatic-tire roller

**H248**

## HIGHLIGHTS

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

## TECHNICAL DATA HP 180 (H248)

## Weights

Operating weight with cab	kg lbs	8505 18,754
Operating weight with ROPS	kg lbs	8255 18,202
Empty weight without cab, without ROPS	kg lbs	7285 16,063
Max. operating weight	kg lbs	17170 37,860
French classification minimum, value/class		11,3/PLO
French classification maximum, value/class		21,6/P0
Min. wheel load per tire, front/rear	kg lbs	999/1127 2,203/2,485
Max. wheel load per tire, front/rear	kg lbs	2159/1967 4,761/4,337

## 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 2012 L04 2V
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		89,0/121,0/2000
Power SAE J1349, kW/HP/rpm		89,0/119,3/2000
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust emissions category, Brazil		MAR-I
Exhaust gas after-treatment		-

## Travel drive

Speed, infinitely variable	km/h mph	0-19,0 0.0-11.8
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## Travel drive

Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without ballast	%	25/35

## Steering

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
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)	103
Sound power level L(WA), representative measurement	db(A)	102

## EQUIPMENT

12 V sockets (double) | Two large exterior rear-view mirrors | Dashboard with displays, indicator lights and switches | Dashboard tiltable | ECO mode | Speed-controlled water sprinkling | Level compensation of the front wheel pairs | Vibration-isolated driver's platform | Maintenance platform | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank, front | Central water outlet

## OPTIONAL EQUIPMENT

Machine with 10-tonne operating weight and additional water tank | Scraper made from brushes, folding | Plastic scraper, folding | ROPS cab with split doors | Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Version with ASC (anti-slip control) | Hydraulic oil, biodegradable (Panolin) | Tachograph | Edge pressing and cutting device | Spare wheel | Thermal aprons | Additive sprinkling | Tire-inflation system | HAMM Temperature Meter (HTM) | Back-up alarm | Telematics system | Working spotlights | Rotating beacon | Locking device