A WIRTGEN GROUP COMPANY

HAMM

Technical data

HP 180

Pneumatic-tyre rollers Series HP | **H248**

Pneumatic-tyre roller

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
Empty weight without cab, without ROPS	kg	7285
Max. operating weight	kg	17170
Min. French classification, value/class		11,3/PLO
Max. French classification, value/class		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
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 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	0-19,0
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
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)	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 | Tyre-inflation system | HAMM Temperature Meter (HTM) | Back-up alarm | Telematics system | Working spotlights | Rotating beacon | Locking device