

Technical data

# HP 280



**Pneumatic-tyre rollers Series HP**  
Pneumatic-tyre roller

**H249**

## HIGHLIGHTS

- > 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
- > Intelligent ballasting concept for flexible matching of the machine weight to the application
- > Simple, intuitive and language-neutral operation
- > Seat operating unit can be moved and rotated

## TECHNICAL DATA HP 280 (H249)

## Weights

Operating weight with cab	kg	9480
Operating weight with ROPS	kg	9295
Empty weight without cab, without ROPS	kg	8265
Max. operating weight	kg	27950
Min. French classification, value/class		13,0/PLO
Max. French classification, value/class		35,0/P1
Min. wheel load per tyre, front/rear	kg	1069/1301
Max. wheel load per tyre, front/rear	kg	3505/3065

## 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

Steering, type		Two-point steering
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## 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),	db(A)	103
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## Sound level

guaranteed		
Sound power level L(WA), representative measurement	db(A)	101

## 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 preparation for own ballasting | ROPS cab with split doors | Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat operating unit, mechanically rotatable and adjustable sideways. | Version with ASC (anti-slip control) | Seat belt monitoring device | Armrest comfort setting, left | Tachograph | Protective roof | Edge pressing and cutting device | Additive sprinkling | Anti-freeze filling system | Tyre-inflation system | Automatic engine stop | HAMM Temperature Meter (HTM) | Telematics system | Working spotlights | Rotating beacon | Tyre lighting, LED | Access step for the water tank | Guard bracket for water tank | Tool kit