

Technical data

HP 280



Pneumatic-tire rollers Series HP

Pneumatic-tire roller

H249

HIGHLIGHTS

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

TECHNICAL DATA HP 280 (H249)

Weights

Operating weight with cab	kg lbs	9480 20,903
Operating weight with ROPS	kg lbs	9295 20,495
Empty weight without cab, without ROPS	kg lbs	8265 18,224
Max. operating weight	kg lbs	27950 61,630
French classification minimum, value/class		13,0/PLO
French classification maximum, value/class		35,0/P1
Min. wheel load per tire, front/rear	kg lbs	1069/1301 2,357/2,869
Max. wheel load per tire, front/rear	kg lbs	3505/3065 7,729/6,758

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

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 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)	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 | Tire-inflation system | Automatic engine stop | HAMM Temperature Meter (HTM) | Telematics system | Working spotlights | Rotating beacon | Tire lighting, LED | Access step for the water tank | Guard bracket for water tank | Tool kit