

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

## Machine dimensions

|                          |          |               |
|--------------------------|----------|---------------|
| Total length             | mm<br>in | 4970<br>195.7 |
| Total height with cab    | mm<br>in | 3000<br>118.1 |
| Total height with ROPS   | mm<br>in | 2986<br>117.6 |
| Height loading, min.     | mm<br>in | 2320<br>91.3  |
| Center distance          | mm<br>in | 3900<br>153.5 |
| Total width with cab     | mm<br>in | 2166<br>85.3  |
| Maximum working width    | mm<br>in | 2084<br>82.0  |
| Ground clearance, center | mm<br>in | 300<br>11.8   |
| Turning radius, inside   | mm<br>in | 6200<br>244.1 |

## Tire dimensions

|                              |          |                        |
|------------------------------|----------|------------------------|
| Size of tires, front/rear    |          | 11.00-R20/11.00-R20    |
| Width over tires, front/rear | mm<br>in | 1830/1830<br>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 emission standard   |  | EU Stage IIIA / EPA Tier 3 |
| Exhaust gas after-treatment |  | -                          |

## Travel drive

|                                 |             |                    |
|---------------------------------|-------------|--------------------|
| Speed, infinitely variable      | km/h<br>mph | 0-19,0<br>0.0-11.8 |
| Regulation, infinitely variable |             | HAMMTRONIC         |

## Travel drive

|                                    |   |       |
|------------------------------------|---|-------|
| Gradeability, with/without ballast | % | 25/35 |
|------------------------------------|---|-------|

## Steering

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

## Water-sprinkling system

|                        |  |          |
|------------------------|--|----------|
| Water sprinkling, type |  | Pressure |
|------------------------|--|----------|

## Tank capacity/filling capacity

|                         |          |              |
|-------------------------|----------|--------------|
| Fuel tank, capacity     | L<br>Gal | 235<br>62.1  |
| Water tank, capacity    | L<br>Gal | 650<br>171.7 |
| Additive tank, capacity | L<br>Gal | 28<br>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 | Tilttable dashboard | 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 tilttable dashboard | Version with ASC (anti-slip control) | Hydraulic oil, biodegradable (Panolin) | Tachograph | Edge pressing and cutting equipment | Spare tire | Thermal aprons | Additive sprinkling | Tire-inflation system | HAMM Temperature Meter (HTM) | Back-up alarm | Telematics system | Working spotlights | Rotating beacon | Locking device