

Technical data

# HD+ 110 VV



**Tandem rollers Series HD+**  
Tandem roller with two vibration drums

**H258**

## HIGHLIGHTS

- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Seat operating unit can be moved and rotated
- > Good visibility of machine and jobsite
- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and good straight-line tracking

## TECHNICAL DATA HD+ 110 VV (H258)

## Weights

|                                    |       |           |
|------------------------------------|-------|-----------|
| Operating weight with cab          | kg    | 10965     |
| Operating weight with ROPS         | kg    | 10805     |
| Max. operating weight              | kg    | 11670     |
| Axle load, front/rear              | kg    | 5445/5520 |
| Static linear load, front/rear     | kg/cm | 32,4/32,9 |
| French classification, value/class |       | 29,6/VT2  |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 4600    |
| Total height with cab      | mm | 3050    |
| Height loading, min.       | mm | 2185    |
| Centre distance            | mm | 3400    |
| Total width with cab       | mm | 1800    |
| Maximum working width      | mm | 1850    |
| Kerb clearance, left/right | mm | 790/790 |
| Turning radius, inside     | mm | 5250    |

## Drum dimensions

|                            |    |                  |
|----------------------------|----|------------------|
| Drum width, front/rear     | mm | 1680/1680        |
| Drum diameter, front/rear  | mm | 1200/1200        |
| Drum thickness, front/rear | mm | 22/22            |
| Drum type, front           |    | Smooth/non-split |
| Drum type, rear            |    | Smooth/non-split |
| Track offset, left/right   | mm | 170              |

## Diesel engine

|                             |  |                     |
|-----------------------------|--|---------------------|
| Manufacturer                |  | DEUTZ               |
| Model                       |  | TCD 2012 L04 2V     |
| Cylinders, quantity         |  | 4                   |
| Power ISO 14396, kW/PS/rpm  |  | 100,0/136,0/2300    |
| Power SAE J1349, kW/HP/rpm  |  | 100,0/134,0/2300    |
| Exhaust emissions category  |  | UN ECE R96 (Tier 3) |
| Exhaust gas after-treatment |  | -                   |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, working gear                  | km/h | 0-5,0      |
| Speed, transport gear                | km/h | 0-11,0     |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 35/40      |

## Vibration

|                                        |    |           |
|----------------------------------------|----|-----------|
| Vibration frequency, front, level I/II | Hz | 42/50     |
| Vibration frequency, rear, level I/II  | Hz | 42/50     |
| Amplitude, front, level I/II           | mm | 0,81/0,47 |
| Amplitude, rear, level I/II            | mm | 0,81/0,47 |
| Centrifugal force, front, level I/II   | kN | 120/99    |
| Centrifugal force, rear, level I/II    | kN | 120/99    |

## Steering

|                    |   |                      |
|--------------------|---|----------------------|
| Steering angle +/- | ° | 30                   |
| Pendulum angle +/- | ° | 10                   |
| Steering, type     |   | Articulated steering |

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                      |   |     |
|----------------------|---|-----|
| Fuel tank, capacity  | L | 150 |
| Water tank, capacity | L | 760 |

## Sound level

|                                                     |       |     |
|-----------------------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 108 |
| Sound power level L(WA), representative measurement | db(A) | 107 |

## EQUIPMENT

2 water pumps | Scraper foldable | Dashboard with displays, indicator lights and switches | Dashboard tiltable | Spring-mounted driver's seat with armrests and seat belt | HAMMTRONIC – electronic machine management | Seat operating unit, adjustable sideways and rotatable | Track offset | Compaction parameters adjustable per axle | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

## OPTIONAL EQUIPMENT

Process data interface for third-party provider systems, asphalt construction | Telematics system | Seat belt monitoring device | Steering column with comfort exit and tiltable dashboard | Additional drive lever, left | Protective roof | Edge pressing and cutting device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Rotating beacon | Version with additional fuel prefilter