

Technical data

# HD+ 140 VV



**Tandem rollers Series HD+**

Tandem roller with two vibrating roller drums

**H259**

**HIGHLIGHTS**

- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Simple, intuitive and language-neutral operation
- > Excellent view of the machine and the construction site
- > Seat operating unit can be moved and rotated
- > Track offset for comfortable start up, moving away and compacting at curb edges

## TECHNICAL DATA HD+ 140 VV (H259)

## Weights

|                                    |       |           |
|------------------------------------|-------|-----------|
| Operating weight with cab          | kg    | 12930     |
| Operating weight with ROPS         | kg    | 12690     |
| Max. operating weight              | kg    | 13680     |
| Static linear load, front/rear     | kg/cm | 30,5/29,9 |
| French classification, value/class |       | 28,8/VT2  |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 5000    |
| Total height with cab      | mm | 3050    |
| Height loading, min.       | mm | 2185    |
| Centre distance            | mm | 3600    |
| Total width with cab       | mm | 2260    |
| Maximum working width      | mm | 2310    |
| Kerb clearance, left/right | mm | 880/880 |
| Turning radius, inside     | mm | 5205    |

## Drum dimensions

|                            |    |                  |
|----------------------------|----|------------------|
| Drum width, front/rear     | mm | 2140/2140        |
| Drum diameter, front/rear  | mm | 1400/1400        |
| Drum thickness, front/rear | mm | 19/19            |
| 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 emission standard  |  | EU Stage IIIA / EPA Tier 3 |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, working gear                  | km/h | 0-6,0      |
| Speed, transport gear                | km/h | 0-12,0     |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 30/35      |

## Vibration

|                                  |    |           |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 40/50     |
| Vibration frequency, rear, I/II  | Hz | 40/50     |
| Amplitude, front, I/II           | mm | 0,84/0,35 |
| Amplitude, rear, I/II            | mm | 0,84/0,35 |
| Centrifugal force, front, I/II   | kN | 159/95    |
| Centrifugal force, rear, I/II    | kN | 159/95    |

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                      |   |      |
|----------------------|---|------|
| Fuel tank, capacity  | L | 180  |
| Water tank, capacity | L | 1160 |

## Sound level

|   |       |     |
|---|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 108 |
| Sound power level L(WA), representative measurement | db(A) | 106 |

## EQUIPMENT

2 x water pumps | Folding scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | 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

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