

Technical data

# HD+ 90 VV



## Tandem rollers Series HD+

Tandem roller with two vibrating roller drums

H258

### HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent directional stability
- > Excellent view of machine and construction site
- > Simple, intuitive and language-neutral control
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Seat-operating unit can be moved and rotated

**TECHNICAL DATA HD+ 90 VV (H258)**

**Weights**

|                                |                 |                          |
|--------------------------------|-----------------|--------------------------|
| Operating weight with cab      | kg<br>lbs       | 9655<br>21,289           |
| Operating weight with ROPS     | kg<br>lbs       | 9495<br>20,936           |
| Maximum operating weight       | kg<br>lbs       | 10350<br>22,822          |
| Static linear load, front/rear | kg/cm<br>lbs/in | 28,5/29,0<br>159.6/162.4 |

**Machine dimensions**

|                            |          |                      |
|----------------------------|----------|----------------------|
| Total length               | mm<br>in | 4600<br>181.1        |
| Total height with cab      | mm<br>in | 3050<br>120.1        |
| Height loading, min.       | mm<br>in | 2185<br>86.0         |
| Center distance            | mm<br>in | 3400<br>133.9        |
| Total width with cab       | mm<br>in | 1800<br>70.9         |
| Maximum working width      | mm<br>in | 1850<br>72.8         |
| Curb clearance, left/right | mm<br>in | 790/790<br>31.1/31.1 |
| Turning radius, inside     | mm<br>in | 5250<br>206.7        |

**Drum dimensions**

|                            |          |                        |
|----------------------------|----------|------------------------|
| Drum width, front/rear     | mm<br>in | 1680/1680<br>66.1/66.1 |
| Drum diameter, front/rear  | mm<br>in | 1200/1200<br>47.2/47.2 |
| Drum thickness, front/rear | mm<br>in | 17/17<br>0.7/0.7       |
| Drum type, front           |          | Smooth/non-split       |
| Drum type, rear            |          | Smooth/non-split       |
| Track offset, left/right   | mm<br>in | 170<br>6.7             |

**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<br>mph | 0-6,0<br>0.0-3.7  |
| Speed, transport gear                | km/h<br>mph | 0-12,0<br>0.0-7.5 |
| Regulation, infinitely variable      |             | HAMMTRONIC        |
| Gradeability, with/without vibration | %           | 35/40             |

**Vibration**

|                                  |           |                        |
|----------------------------------|-----------|------------------------|
| Vibration frequency, front, I/II | Hz<br>vpm | 42/50<br>2,520/3,000   |
| Vibration frequency, rear, I/II  | Hz<br>vpm | 42/50<br>2,520/3,000   |
| Amplitude, front, I/II           | mm<br>in  | 0,62/0,34<br>.024/.013 |
| Amplitude, rear, I/II            | mm<br>in  | 0,62/0,34<br>.024/.013 |
| Centrifugal force, front, I/II   | kN<br>lbs | 75/60<br>16,875/13,500 |
| Centrifugal force, rear, I/II    | kN<br>lbs | 75/60<br>16,875/13,500 |

**Steering**

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

**Water-sprinkling system**

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

**Tank capacity/filling capacity**

|                      |          |              |
|----------------------|----------|--------------|
| Fuel tank, capacity  | L<br>Gal | 150<br>39.6  |
| Water tank, capacity | L<br>Gal | 760<br>200.8 |

**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 | Scrapers 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**

Air-conditioning system | Steering column with comfort exit and tiltable 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 | Telematics system | Rotating beacon