HD+ 90i PH VV

Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H276

HIGHLIGHTS HD+

- 3-point articulation for even weight distribution and excellent on-centre feel
- Operating concept Easy Drive
- Electronic machine management Hammtronic
- Excellent view of the machine and the construction site
- Hybrid hydraulic drive

Machine dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>mm</td>
<td>4800</td>
</tr>
<tr>
<td>Width (B)</td>
<td>mm</td>
<td>1800</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>mm</td>
<td>2980</td>
</tr>
<tr>
<td>Drum width (X)</td>
<td>mm</td>
<td>1680/1680</td>
</tr>
<tr>
<td>Height loading, min. (Hl)</td>
<td>mm</td>
<td>2150</td>
</tr>
</tbody>
</table>

EU Stage V / EPA Tier 4
### TECHNICAL DATA

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<tr>
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<th>Unit</th>
<th>HD+ 90i PH VV</th>
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#### Weights
- Operating weight with cab kg 9220
- Operating weight with ROPS kg 9050
- Operating weight, max. kg 11760
- Static linear load, front/rear kg/cm 27.8/27.1
- French classification, data/class 21.9/VT1

#### Machine dimensions
- Total length mm 4800
- Total height with cab mm 2980
- Height loading, min. mm 2150
- Wheel base mm 3600
- Total width with cab mm 1800
- Max. working width mm 1850
- Kerb clearance, left/right mm 800/800
- Turning radius, inside mm 5900

#### Drum dimensions
- Drum width, front/rear mm 1680/1680
- Drum diameter, front/rear mm 1200/1200
- Drum thickness, front/rear mm 17/17
- Drum type, front Smooth/non-split
- Drum type, rear Smooth/non-split
- Track offset, left/right mm 170

#### Diesel engine
- Manufacturer DEUTZ
- Version TCD 2.9 L4
- Power rat. ISO 14396, kW/PS/rpm 55.4/75.3/2300
- Power rating SAE J1349, kW/HP/rpm 55.4/74.2/2300
- Emission standard EU Stage V / EPA Tier 4
- Exhaust gas after-treatment DOC-DPF

#### Drive
- Speed, working gear km/h 0-6.0
- Speed, transportation gear km/h 0-12.0
- Regulation, infinitely variable Hammtronic
- Climbing ability, vibration on/off % -

#### Vibration
- Vibration frequency, front, I/II Hz 42/50
- Vibration frequency, rear, I/II Hz 42/50
- Amplitude, front, I/II mm 0.62/0.34
- Amplitude, rear, I/II mm 0.62/0.34
- Centrifugal force, front, I/II kN 75/60
- Centrifugal force, rear, I/II kN 75/60

#### Steering
- Oscillation angle +/- ° 10
- Steering, type Articulated steering

#### Sprinkler system
- Water sprinkler, type Pressure

#### Tank capacity/Fill capacity
- Fuel tank, capacity L 173
- Water tank, capacity L 760

### EQUIPMENT
- 2 water pumps, Storage bin, lockable, Foldable scraper, Tiltable dashboard, Operating concept Easy Drive, Electric powered cooling fan, Spring-mounted driver's seat with armrests and safety belt, Hammtronic - electronic machine management, Seat-operating unit, can be moved and rotated laterally, Track offset, Automatic vibration system, Vibration parameters, adjustable individually, Spray system with spray bars front and rear, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain, Additional hydraulic performance support up to 20 kW, ROPS, rigid

### OPTIONAL EQUIPMENT
- ROPS cabin with non-split doors, ROPS cabin with split doors, Radio, Tachograph, HCQ Navigator, Fire extinguisher, Dashboard cover, lockable, Thermal aprons, Dashboard cover, Working lights, Drum edge lighting, Tool kit

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