HD+ 90i PH VO-S

Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H276

HIGHLIGHTS HD+

> Operating concept Easy Drive
> Electronic machine management Hammtronic
> Excellent view of the machine and the construction site
> Hybrid hydraulic drive
> Compaction with oscillation

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

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

#### Weights
- Operating weight with cab: 9460 kg
- Operating weight with ROPS: 9290 kg
- Operating weight, max.: 12000 kg
- Static linear load, front/rear: 29,3/27,1 kg/cm
- French classification, data/class: 22,9/VT1

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

#### Drum dimensions
- Drum width, front/rear: 1680/1680 mm
- Drum diameter, front/rear: 1200/1200 mm
- Drum thickness, front/rear: 17/20 mm
- Drum type, front: Smooth/split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 170 mm

#### 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: 0-6,0 km/h
- Speed, transportation gear: 0-12,0 km/h
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off:%

#### Vibration
- Vibration frequency, front, I/II: 42/50 Hz
- Amplitude, front, I/II: 0,61/0,40 mm
- Centrifugal force, front, I/II: 84/78 kN

#### Oscillation
- Oscillation force, rear: 128 kN
- Oscillation frequency, rear: 39 Hz
- Tangential amplitude, rear: 1,25 mm

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

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

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

#### Sound level
- Acoustic power LWA, sticker: 106
- Acoustic power LWA, measured: 103

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### 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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