HD+ 140i VO

Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H274

**HIGHLIGHTS HD+**

- Operating concept Easy Drive
- Electronic machine management Hammtronic
- Excellent view of the machine and the construction site
- Track offset for comfortable start up, moving away and compacting at curb edges
- Compaction with oscillation

### 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>5300</td>
</tr>
<tr>
<td>Width (B)</td>
<td>mm</td>
<td>2260</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>2140/2140</td>
</tr>
<tr>
<td>Height loading, min. (Hl)</td>
<td>mm</td>
<td>2140</td>
</tr>
</tbody>
</table>
**TECHNICAL DATA**

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<tr>
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<th>HD+ 140i VO</th>
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**Weights**
- Operating weight with cab: 13185 kg
- Operating weight with ROPS: 12945 kg
- Operating weight, max.: 14000 kg
- Static linear load, front/rear: 30,4/31,2 kg/cm
- French classification, data/class: 27,9/VT2

**Machine dimensions**
- Total length: 5300 mm
- Total height with cab: 2980 mm
- Height loading, min.: 2140 mm
- Wheel base: 3900 mm
- Total width with cab: 2260 mm
- Max. working width: 2310 mm
- Kerb clearance, left/right: 900/900 mm
- Turning radius, inside: 6200 mm

**Drum dimensions**
- Drum width, front/rear: 2140/2140 mm
- Drum diameter, front/rear: 1400/1400 mm
- Drum thickness, front/rear: 19/20 mm
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 170 mm

**Diesel engine**
- Manufacturer: DEUTZ
- Version: TCD 4.1 L4
- Number of cylinders: 4
- Power rat. ISO 14396, kW/PS/rpm: 115,0/156,4/2300
- Power rating SAE J1349, kW/HP/rpm: 115,0/154,1/2300
- Emission standard: EU Stage V / EPA Tier 4
- Exhaust gas after-treatment: DOC-DPF-SCR

**Drive**
- Speed, infinitely variable: 0-10,0 km/h
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off: 39/99%

**Vibration**
- Vibration frequency, front, I/II: 40/50 Hz
- Amplitude, front, I/II: 0,86/0,33 mm
- Centrifugal force, front, I/II: 180/95 kN

**Oscillation**
- Oscillation force, rear: 175 kN
- Oscillation frequency, rear: 36 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: L 260
- AdBlue/DEF tank, content: L 20
- Water tank, capacity: L 1145

**Sound level**
- Acoustic power LWA, sticker: 109
- Acoustic power LWA, measured: 106

**EQUIPMENT**
- 12 V socket, 2 large working and rear view mirrors, Foldable scraper, Operating concept Easy Drive,
- Pressure water sprinkling with interval switch, ECO mode,
- Operator's platform with entry from both sides, Speed-controlled water sprinkling system, Speed preselect, Vibration-isolated operator's platform, Track offset, hydraulic, Spray system with spray bars front and rear, Water filtering (tripple), Water tank front and rear, can be filled from both sides, Central water drain

**OPTIONAL EQUIPMENT**
- Working lights, Locking device, HAMM Temperature Meter (HTM),
- Dashboard cover, ROPS cabin with non-split doors, Drum edge lighting, Back-up alarm (reversing), Tool kit, Coming home lighting, Tachogaph, Fire extinguisher, HCQ Navigator, Track offset display, Edge pressing and cutting equipment, Heating and air conditioning, Automatic engine-off function, Radio, Rotating beacon, HCQ compaction meter, Cutting disc