HD+ 140i VV
Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H243

HIGHLIGHTS HD+

> 3-point articulation for even weight distribution and excellent directional stability
> Operating concept Easy Drive
> Electronic machine management Hammtronic
> Excellent view of machine and construction site
> Track offset for comfortable starting and driving away and compacting at curbsides

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L) mm • in</td>
<td>5300 • 208.7</td>
</tr>
<tr>
<td>Width (B) mm • in</td>
<td>2260 • 89.0</td>
</tr>
<tr>
<td>Total height (H) mm • in</td>
<td>2980 • 117.3</td>
</tr>
<tr>
<td>Drum width (X) mm • in</td>
<td>2140/2140 • 84.3/84.3</td>
</tr>
<tr>
<td>Height, loading, min. (Hl) mm • in</td>
<td>2140 • 84.3</td>
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</table>
## TECHNICAL DATA

### Weights
- Operating weight with cab: 12855 kg • 28,345 lbs
- Operating weight with ROPS: 12615 kg • 27,816 lbs
- Operating weight, max.: 13770 kg • 30,363 lbs
- Static linear load, front/rear: 30,1/29,9 kg/cm • 168.6/167.4 lbs/in
- French classific., data/class: 27,6/VT2

### Machine dimensions
- Total length: 5300 mm • 208.7 in
- Total height with cab: 2980 mm • 117.3 in
- Height, loading, min.: 2140 mm • 84.3 in
- Wheelbase: 3900 mm • 153.5 in
- Total width with cab: 2260 mm • 89.0 in
- Max. working width: 2310 mm • 90.9 in
- Curb clearance, left/right: 900/900 mm • 35.4/35.4 in
- Turning radius, inside: 6200 mm • 244.1 in

### Drum dimensions
- Drum width, front/rear: 2140/2140 mm • 84.3/84.3 in
- Drum diameter, front/rear: 1400/1400 mm • 55.1/55.1 in
- Drum thickness, front/rear: 19/19 mm • 0.7/0.7 in
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 170 • 6.7 mm

### Diesel engine
- Manufacturer: DEUTZ
- Type: 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 IV/EPA Tier 4
- Exhaust gas after-treatment: DOC-DPF-SCR

### Drive
- Speed, working gear: 0-6,0 km/h • 0-3.7 mph
- Speed, transportation gear: 0-12,0 km/h • 0-7.5 mph
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off: % 35/40

### Vibration
- Vibration frequency, front, I/II: Hz • vpm 40/50 • 2,400/3,000
- Vibration frequency, rear, I/II: Hz • vpm 40/50 • 2,400/3,000
- Amplitude, front, I/II: mm • in 0.86/0.33 • 0.034/0.013
- Amplitude, rear, I/II: mm • in 0.86/0.33 • 0.034/0.013
- Centrifugal force, front, I/II: kN • lbs 180/95 • 40,500/21,375
- Centrifugal force, rear, I/II: kN • lbs 180/95 • 40,500/21,375

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

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

### Tank capacity/Fill capacity
- Fuel tank, capacity: 260 • 68.7 L • Gal
- AdBlue/DEF tank, content: 20 • 5.3 L • Gal
- Water tank, capacity: 1145 • 302.5 L • Gal

### Sound level
- Acoustic power LWA, sticker: 109
- Acoustic power LWA, measured: 108