HD+ 70i VV
Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H186

HIGHLIGHTS HD+

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

Machine dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit (mm)</th>
<th>Unit (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>4480</td>
<td>176.4</td>
</tr>
<tr>
<td>Width (B)</td>
<td>1620</td>
<td>63.8</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>2890</td>
<td>113.8</td>
</tr>
<tr>
<td>Drum width (X)</td>
<td>1500/1500</td>
<td>59.1/59.1</td>
</tr>
<tr>
<td>Height, loading, min. (Hl)</td>
<td>2080</td>
<td>81.9</td>
</tr>
</tbody>
</table>

EU Stage IIIIB/EPA Tier 4
TECHNICAL DATA

Weights
- Operating weight with cab: 7350 kg • 16,207 lbs
- Operating weight with ROPS: 7180 kg • 15,832 lbs
- Operating weight, max.: 9800 kg • 21,609 lbs
- Static linear load, front/rear: 25,0/24,0 kg/cm • 140.0/134.4 lbs/in
- French classific., data/class: 19.8/VT1

Machine dimensions
- Total length: 4480 mm • 176.4 in
- Total height with cab: 2890 mm • 113.8 in
- Height, loading, min.: 2080 mm • 81.9 in
- Wheelbase: 3340 mm • 131.5 in
- Total width with cab: 1790 mm • 70.5 in
- Max. working width: 1635 mm • 64.4 in
- Curb clearance, left/right: 750/750 mm • 29.5/29.5 in
- Turning radius, inside: 4230 mm • 166.5 in

Drum dimensions
- Drum width, front/rear: 1500/1500 mm • 59.1/59.1 in
- Drum diameter, front/rear: 1140/1140 mm • 44.9/44.9 in
- Drum thickness, front/rear: 17/17 mm • 0.7/0.7 in
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 135 mm • 5.3 in

Diesel engine
- Manufacturer: DEUTZ
- Type: TCD 2.9 L4
- Number of cylinders: 4
- Power rat. ISO 14396, kW/PS/rpm: 55,4/75,3/2500
- Power rating SAE J1349, kW/HP/rpm: 55,4/74,2/2500
- Emission standard: EU Stage IIIIB/EPA Tier 4
- Exhaust gas after-treatment: DOC

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: %

Vibration
- Vibration frequency, front, I/II Hz • vpm: 48/58 • 2,880/3,480
- Vibration frequency, rear, I/II Hz • vpm: 48/58 • 2,880/3,480
- Amplitude, front, I/II mm • in: 0.63/0.35 • 0.025/0.014
- Amplitude, rear, I/II mm • in: 0.63/0.35 • 0.025/0.014
- Centrifugal force, front, I/II kN • lbs: 84/69 • 18,900/15,525
- Centrifugal force, rear, I/II kN • lbs: 84/69 • 18,900/15,525

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

Sprinkler system
- Water sprinkler, type: Pressure

Tank capacity/Fill capacity
- Fuel tank, capacity: L • Gal 120 • 31.7
- Water tank, capacity: L • Gal 700 • 184.9

Sound level
- Acoustic power LW(A), sticker: 106
- Acoustic power LW(A), measured: 105

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