HD+ 70i VO
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H186

HIGHLIGHTS HD+

> 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
> Compaction with oscillation

### Machine dimensions

<table>
<thead>
<tr>
<th></th>
<th>mm</th>
<th>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 • 59.1/59.1</td>
<td></td>
</tr>
<tr>
<td>Height, loading, min. (Hl)</td>
<td>2080 • 81.9</td>
<td></td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

<table>
<thead>
<tr>
<th><strong>Unit</strong></th>
<th><strong>HD+ 70i VO</strong></th>
</tr>
</thead>
</table>

### Weights
- Operating weight with cab: kg • lbs 7430 • 16,383
- Operating weight with ROPS: kg • lbs 7260 • 16,008
- Operating weight, max.: kg • lbs 9880 • 21,785
- Static linear load, front/rear: kg/cm • lbs/in 25.0/25.0 • 140.0/140.0
- French classification, data/class: 19.8/VT1

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

### Drum dimensions
- Drum width, front/rear: mm • in 1500/1500 • 59.1/59.1
- Drum diameter, front/rear: mm • in 1140/1140 • 44.9/44.9
- Drum thickness, front/rear: mm • in 17/20 • 0.7/0.8
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: mm • in 135 • 5.3

### 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 IIIB/EPA Tier 4
- Exhaust gas after-treatment: DOC

### Drive
- Speed, working gear: km/h • mph 0-6,0 • 0.0-3.7
- Speed, transportation gear: km/h • mph 0-12,0 • 0.0-7.5
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off: % 35/40

### Vibration
- Vibration frequency, front, I/II: Hz • vpm 48/58 • 2,880/3,480
- Amplitude, front, I/II: mm • in 0,63/0,35 • .025/.014
- Centrifugal force, front, I/II: kN • lbs 84/69 • 18,900/15,525

### Oscillation
- Oscillation force, rear, I/II: kN • lbs 80/116 • 18,000/26,100
- Oscillation frequency, rear, I/II: Hz • vpm 33/40 • 1,980/2,400
- Tangential amplitude, rear, I/II: mm • in 1.25/1.25 • .049/.049

### 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