HD+ 90i VV-S
Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H242

HIGHLIGHTS HD+

> 3-point articulation for even weight distribution and excellent on-centre feel
> 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

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th>mm</th>
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</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>4900</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 IV / EPA Tier 4
## TECHNICAL DATA

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<tr>
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<th>Unit</th>
<th>HD+ 90i VV-S</th>
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### Weights
- Operating weight with cab: kg 9800
- Operating weight with ROPS: kg 9630
- Operating weight, max.: kg 12340
- Static linear load, front/rear: kg/cm 29.3/28.5, 28.6/28.8
- French classification, data/class: 23.1/VT1

### Machine dimensions
- Total length: mm 4900
- Total height with cab: mm 2980
- Height loading, min.: mm 2150
- Wheel base: mm 3700
- Total width with cab: mm 1800
- Max. working width: mm 1850
- Kerb clearance, left/right: mm 800/800
- Turning radius, inside: mm 6050

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

### Diesel engine
- Manufacturer: DEUTZ
- Version: TCD 3.6 L4
- Number of cylinders: 4
- Power rat. ISO 14396, kW/PS/rpm: 85.0/115.6/2300
- Power rating SAE J1349, kW/HP/rpm: 85.0/113.9/2300
- Emission standard: EU Stage IV / EPA Tier 4
- Exhaust gas after-treatment: DOC-SCR

### Drive
- Speed, working gear: km/h 0-5.5
- Speed, transportation gear: km/h 0-10.0
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off: % 35/40

### Vibration
- Vibration frequency, front, I/II: Hz 42/50
- Vibration frequency, rear, I/II: Hz 42/50
- Amplitude, front, I/II: mm 0.61/0.40
- Amplitude, rear, I/II: mm 0.61/0.40
- Centrifugal force, front, I/II: kN 84/78
- Centrifugal force, rear, I/II: kN 84/78

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

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

### Tank capacity/Fill capacity
- Fuel tank, capacity: L 173
- AdBlue/DEF tank, content: L 20
- Water tank, capacity: L 760

### Sound level
- Acoustic power LWA, sticker: 107
- 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, Spray system with spray bars front and rear,
- Track offset, hydraulic, Water
- filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain,
- Handrails on the operator's platform

## OPTIONAL EQUIPMENT
- ROPS, rigid, Heating, Multifunction
- armrest, right, foldable, Steering
- column with comfort exit and tiltable dashboard, Radio, HCD
- Navigator, Protective roof, Edge
- pressing and cutting equipment, Chip spreader, Anti-freeze injection system, Frequency control,
- Automatic engine-off function, HAMM Temperature Meter (HTM),
- Track offset display, Back-up alarm (reversing), Working lights, Rotating beacon, Drum edge
- lighting, Coming home lighting