**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>
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</thead>
<tbody>
<tr>
<td>Total length (L) mm</td>
</tr>
<tr>
<td>Width (B) mm</td>
</tr>
<tr>
<td>Total height (H) mm</td>
</tr>
<tr>
<td>Drum width (X) mm</td>
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<tr>
<td>Height loading, min. (Hl) mm</td>
</tr>
</tbody>
</table>

EU Stage IV / EPA Tier 4
### TECHNICAL DATA

<table>
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<tr>
<th>Unit</th>
<th>HD+ 90i VT-S</th>
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#### Weights
- Operating weight with cab kg: 9060
- Operating weight with ROPS kg: 8890
- Operating weight, max. kg: 11620
- Static linear load, front kg/cm: 29.2
- French classification, data/class: 23.0,10,3/VX1.PLO

#### Machine dimensions
- Total length mm: 4900
- Total height with cab mm: 3010
- Height loading, min. mm: 2226
- Wheel base mm: 3700
- Total width with cab mm: 1800
- Max. working width mm: 1820
- Kerb clearance, left/right mm: 800/800
- Turning radius, inside mm: 6050

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

#### Wheel dimensions
- Size of tyres, rear: 11.00-20
- Width over tyres, rear mm: 1620
- Number of tyres, rear: 4

#### 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: DDC-SCR

#### Drive
- Speed, working gear km/h: 0-6.0
- Speed, transportation gear km/h: 0-11,0
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off %: 30/40

#### Vibration
- Vibration frequency, front, I/II Hz: 42/50
- Amplitude, front, I/II mm: 0.61/0.40
- Centrifugal force, front, 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
- Additive tank, capacity L: 22

#### Sound level
- Acoustic power LWA), sticker: 107
- Acoustic power LWA), measured: 105

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### 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, Thermal aprons, 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

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