HD+ 120i 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 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>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>5300</td>
</tr>
<tr>
<td>Width (B)</td>
<td>2145</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>2980</td>
</tr>
<tr>
<td>Drum width (X)</td>
<td>1980/1980</td>
</tr>
<tr>
<td>Height loading, min. (Hl)</td>
<td>2140</td>
</tr>
</tbody>
</table>
TECHNICAL DATA

Weights
- Operating weight with cab: 12475 kg
- Operating weight with ROPS: 12235 kg
- Operating weight, max.: 13390 kg
- Static linear load, front/rear: 31.6/31.4 kg/cm
- French classification, data/class: 29.8/VT2

Machine dimensions
- Total length: 5300 mm
- Total height with cab: 2980 mm
- Height loading, min.: 2140 mm
- Wheel base: 3900 mm
- Total width with cab: 2145 mm
- Max. working width: 2150 mm
- Kerb clearance, left/right: 900/900 mm
- Turning radius, inside: 6280 mm

Drum dimensions
- Drum width, front/rear: 1980/1980 mm
- Drum diameter, front/rear: 1400/1400 mm
- Drum thickness, front/rear: 19/19 mm
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 170 mm

Diesel engine
- Manufacturer: DEUTZ
- Version: TCD 4.1 L4
- Number of cylinders: 4
- Power rat. ISO 14396, kW/PS/rpm: 115/156.4/2300
- Power rating SAE J1349, kW/HP/rpm: 115/154.1/2300
- Emission standard: EU Stage IV / EPA Tier 4
- Exhaust gas after-treatment: DOC-DPF-SCR

Drive
- Speed, working gear: 0.60 km/h
- Speed, transportation gear: 0.120 km/h
- Regulation, infinitely variable: Hammtronic

Vibration
- Vibration frequency, front, I/II: 40/50 Hz
- Vibration frequency, rear, I/II: 40/50 Hz
- Amplitude, front, I/II: 0.89/0.35 mm
- Amplitude, rear, I/II: 0.89/0.35 mm
- Centrifugal force, front, I/II: 173/95 kN
- Centrifugal force, rear, I/II: 173/95 kN

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

Sprinkler system
- Water sprinkler, type: Pressure

Tank capacity/Fill capacity
- Fuel tank, capacity: 260 L
- AdBlue/DEF tank, content: 20 L
- Water tank, capacity: 1145 L

Sound level
- Acoustic power LWA, sticker: 109
- Acoustic power LWA, measured: 107

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, Track offset, hydraulic, Spray system with spray bars front and rear, 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, HCO Navigator, Protective roof, Edge pressing and cutting equipment, Anti-freeze injection system, Frequency control, Speedometer, 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