HD+ 110i VT
Tandem roller with vibrating roller drum and set of tires
Tandem rollers Series HD+ / Series H242

HIGHLIGHTS HD+

> 3-point articulation for even weight distribution and excellent directional stability

> Operating concept Easy Drive

> Electronic machine management Hammtronic

> Excellent view of machine and construction site

> Track offset for comfortable starting and driving away and compacting at curbsides

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th>mm • in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>4900 • 192.9</td>
</tr>
<tr>
<td>Width (B)</td>
<td>1800 • 70.9</td>
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<tr>
<td>Total height (H)</td>
<td>3010 • 118.5</td>
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<tr>
<td>Drum width (X)</td>
<td>1680 • 66.1</td>
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<td>Height, loading, min. (Hi)</td>
<td>2226 • 87.6</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights

- **Operating weight with cab** kg • lbs: 9595 • 21,157
- **Operating weight with ROPS** kg • lbs: 9425 • 20,782
- **Operating weight, max.** kg • lbs: 12150 • 26,791
- **Static linear load, front** kg/cm • lbs/in: 31.7 • 177.5
- **French classific., data/class** 28,5.10,7/VX2.PLO

#### Machine dimensions

- **Total length** mm • in: 4900 • 192.9
- **Total height with cab** mm • in: 3010 • 118.5
- **Height, loading, min.** mm • in: 2226 • 87.6
- **Wheelbase** mm • in: 3700 • 145.7
- **Total width with cab** mm • in: 1800 • 70.9
- **Max. working width** mm • in: 1820 • 71.7
- **Curb clearance, left/right** mm • in: 800/800 • 31.5/31.5
- **Turning radius, inside** mm • in: 6050 • 238.2

#### Drum dimensions

- **Drum width, front** mm • in: 1680 • 66.1
- **Drum diameter, front** mm • in: 1200 • 47.2
- **Drum thickness, front** mm • in: 22 • 0.9
- **Drum type, front** Smooth/non-split
- **Track offset, left/right** mm • in: 170 • 6.7

#### Wheel dimensions

- **Size of tires, rear** mm • in: 1620 • 63.8
- **Number of tires, rear** 4

#### Diesel engine

- **Manufacturer** DEUTZ
- **Type** 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 • mph: 0-5.5 • 0-0.3-3.4
- **Speed, transportation gear** km/h • mph: 0-10.0 • 0-0.6-2
- **Regulation, infinitely variable** Hammtronic
- **Climbing ability, vibration on/off** %: 30/40

#### Vibration

- **Vibration frequency, front, I/II** Hz • vpm: 42/50 • 2,520/3,000
- **Amplitude, front, I/II** mm • in: 0.81/0.47 • 0.032/0.119
- **Centrifugal force, front, I/II** kN • lbs: 120/99 • 27,000/22,275

#### Steering

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

#### Sprinkler system

- **Water sprinkler, type** Pressure

#### Tank capacity/Fill capacity

- **Fuel tank, capacity** L • Gal: 173 • 45.7
- **AdBlue/DEF tank, content** L • Gal: 20 • 5.3
- **Water tank, capacity** L • Gal: 760 • 200.8
- **Additive tank, capacity** L • Gal: 22 • 5.8

#### Sound level

- **Acoustic power LW(A), sticker** 107
- **Acoustic power LW(A), measured** 106

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**EQUIPMENT**

12 V outlet, 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, Handrail at operator’s platform

**OPTIONAL EQUIPMENT**

- ROPS, rigid, Heating, Multifunction armrest, right, foldable, Steering column with comfort exit and tiltable dashboard, Radio, HCQ navigator, Protective roof, Edge pressing and cutting equipment, Chip spreader, Thermal aprons, Anti-freeze injection, Frequency control, Speedometer, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm, Working light, Rotating beacon, Drum edge lighting, Coming home lighting