HD+ 120i VO
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H243

HIGHLIGHTS HD+
> 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
> Compaction with oscillation

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th>:mm • in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>5300 • 208.7</td>
</tr>
<tr>
<td>Width (B)</td>
<td>2145 • 84.4</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>2980 • 117.3</td>
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<tr>
<td>Drum width (X)</td>
<td>1980/1980 • 78.0/78.0</td>
</tr>
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<td>Height, loading, min. (Hl)</td>
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TECHNICAL DATA | Unit | HD+ 120i VO
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**Weights**
Operating weight with cab | kg • lbs | 12755 • 28,125
Operating weight with ROPS | kg • lbs | 12515 • 27,596
Operating weight, max. | kg | 13670 • 30,142
Static linear load, front/rear | kg/cm • lbs/in | 31,6/32,8 • 177.0/183.7
French classification, data/class | | 29,8/VT2

**Machine dimensions**
Total length | mm • in | 5300 • 208.7
Total height with cab | mm • in | 2980 • 117.3
Height, loading, min. | mm • in | 2140 • 84.3
Wheelbase | mm • in | 3900 • 153.5
Total width with cab | mm • in | 2145 • 84.4
Max. working width | mm | 2150 • 84.6
Curb clearance, left/right | mm • in | 900/900 • 35.4/35.4
Turning radius, inside | mm • in | 6280 • 247.2

**Drum dimensions**
Drum width, front/rear | mm • in | 1980/1980 • 78.0/78.0
Drum diameter, front/rear | mm • in | 1400/1400 • 55.1/55.1
Drum thickness, front/rear | mm • in | 19/20 • 0.7/0.8
Drum type, front | Smooth/non-split
Drum type, rear | Smooth/non-split
Track offset, left/right | mm • in | 170 • 6.7

**Diesel engine**
Manufacturer | DEUTZ
Type | TCD 4.1 L4
Number of cylinders | 4
Power rat. ISO 14396, kW/PS/rpm | 115,0/156.4/2300
Power rating SAE J1349, kW/HP/rpm | 115,0/154.1/2300
Emission standard | EU Stage IV/EPA Tier 4
Exhaust gas after-treatment | DOC-DPF-SCR

**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 | % | 30/35

**Vibration**
Vibration frequency, front, I/II | Hz • vpm | 40/50 • 2,400/3,000
Amplitude, front, I/II | mm • in | 0.89/0.35 • 0.035/0.014
Centrifugal force, front, I/II | kN • lbs | 173/95 • 38,925/21,375

**Oscillation**
Oscillation frequency, rear | Hz • vpm | 36 • 2,160
Tangential amplitude, rear | mm • in | 1.25 • .049

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

**Sprinkler system**
Water sprinkler, type | Pressure

**Tank capacity/Fill capacity**
Fuel tank, capacity | L • Gal | 260 • 68.7
AdBlue/DEF tank, content | L • Gal | 20 • 5.3
Water tank, capacity | L • Gal | 1145 • 302.5

**Sound level**
Acoustic power LW(A), sticker | 109
Acoustic power LW(A), measured | 107

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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, 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, 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, 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

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