HD 13i VO
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD CompactLine / Series H265

HIGHLIGHTS HD CompactLine

> Simple, intuitive and language-neutral control
> Ergonomic driver platform
> Excellent view of drum edge, machine and construction site environment
> Compact dimensions
> Compaction with oscillation

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th>mm</th>
<th>in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>2896</td>
<td>114.0</td>
</tr>
<tr>
<td>Width (B)</td>
<td>1426</td>
<td>56.1</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>2590</td>
<td>102.0</td>
</tr>
<tr>
<td>Drum width (X)</td>
<td>1300/1300</td>
<td>51.2/51.2</td>
</tr>
<tr>
<td>Height, loading, min. (Hl)</td>
<td>1820</td>
<td>71.7</td>
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</tbody>
</table>

EU Stage V / EPA Tier 4
## TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>Unit</th>
<th>HD 13i VO</th>
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<tbody>
<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight</td>
<td>kg • lbs</td>
<td>4235 • 9,338</td>
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<tr>
<td>with ROPS</td>
<td></td>
<td></td>
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<tr>
<td>Operating weight,</td>
<td>kg • lbs</td>
<td>5430 • 11,973</td>
</tr>
<tr>
<td>max.</td>
<td></td>
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<tr>
<td>Static linear load,</td>
<td>kg/cm • lbs/in</td>
<td>16,3/16,3 • 91.3/91.3</td>
</tr>
<tr>
<td>front/rear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French classific.,</td>
<td>data/class</td>
<td>10,8/V10</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Machine dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total length</td>
<td>mm • in</td>
<td>2896 • 114.0</td>
</tr>
<tr>
<td>Total height with</td>
<td>mm • in</td>
<td>2720 • 107.1</td>
</tr>
<tr>
<td>cab</td>
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</tr>
<tr>
<td>Total height with</td>
<td>mm • in</td>
<td>2590 • 102.0</td>
</tr>
<tr>
<td>ROPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height, loading,</td>
<td>mm • in</td>
<td>1820 • 71.7</td>
</tr>
<tr>
<td>min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheelbase</td>
<td>mm • in</td>
<td>1950 • 76.8</td>
</tr>
<tr>
<td>Total width</td>
<td>mm • in</td>
<td>1426 • 56.1</td>
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<tr>
<td>Max. working width</td>
<td>mm • in</td>
<td>1350 • 53.1</td>
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<tr>
<td>Curb clearance,</td>
<td>mm • in</td>
<td>720/720 • 28.3/28.3</td>
</tr>
<tr>
<td>left/right</td>
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<td></td>
</tr>
<tr>
<td>Turning radius,</td>
<td>mm • in</td>
<td>2690 • 105.9</td>
</tr>
<tr>
<td>inside</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Drum dimensions</strong></td>
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<td></td>
</tr>
<tr>
<td>Drum width, front/rear</td>
<td>mm • in</td>
<td>1300/1300 • 51.2/51.2</td>
</tr>
<tr>
<td>Drum diameter, front/rear</td>
<td>mm • in</td>
<td>900/900 • 35.4/35.4</td>
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<tr>
<td>Drum thickness, front/rear</td>
<td>mm • in</td>
<td>17/17 • 0.7/0.7</td>
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<tr>
<td>Drum type, front</td>
<td></td>
<td>Smooth/non-split</td>
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<tr>
<td>Drum type, rear</td>
<td></td>
<td>Smooth/non-split</td>
</tr>
<tr>
<td>Track offset, left/right</td>
<td>mm • in</td>
<td>0/50 • 0.0/2.0</td>
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<tr>
<td><strong>Diesel engine</strong></td>
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</tr>
<tr>
<td>Manufacturer</td>
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<td>KUBOTA</td>
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<tr>
<td>Type</td>
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<td>V2403-CR</td>
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<tr>
<td>Number of cylinders</td>
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<td>4</td>
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<tr>
<td>Power rat. ISO 14396, kW/PS/rpm</td>
<td>37.4/50.9/2700</td>
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<tr>
<td>Power rating SAE J1995, kW/HP/rpm</td>
<td>37.4/50.1/2700</td>
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<tr>
<td>Emission standard</td>
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<td>EU Stage V / EPA Tier 4</td>
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<tr>
<td>Exhaust gas after-treatment</td>
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<td>DOC-DPF</td>
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<tr>
<td><strong>Drive</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed, infinitely variable</td>
<td>km/h • mph</td>
<td>0 - 11,0 • 0.0 - 6.8</td>
</tr>
<tr>
<td>Climbing ability, vibration on/off</td>
<td>%</td>
<td>30/40</td>
</tr>
<tr>
<td><strong>Vibration</strong></td>
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<td></td>
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<tr>
<td>Vibration frequency, front, I/II</td>
<td>Hz • vpm</td>
<td>57/48 • 3,420/2,880</td>
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<td>Amplitude, front, I/II</td>
<td>mm • in</td>
<td>0.51/0.31 • 0.20/0.12</td>
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<tr>
<td>Centrifugal force, front, I/II</td>
<td>kN • lbs</td>
<td>58/35 • 13,050/7,875</td>
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<tr>
<td><strong>Oscillation</strong></td>
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<td></td>
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<tr>
<td>Oscillation force, rear, I/II</td>
<td>kN • lbs</td>
<td>68/40 • 15,300/9,000</td>
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<tr>
<td>Oscillation frequency, rear, I/II</td>
<td>Hz • vpm</td>
<td>38/29 • 2,280/1,740</td>
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<tr>
<td>Tangential amplitude, rear, I/II</td>
<td>mm • in</td>
<td>1.44/1.44 • .057/.057</td>
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<tr>
<td><strong>Steering</strong></td>
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<tr>
<td>Oscillation angle +/-</td>
<td>°</td>
<td>8</td>
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<tr>
<td>Steering, type</td>
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<td>Articulated steering</td>
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<td>Sprinkler system</td>
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<td>Water sprinkler, type</td>
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<td>Pressure</td>
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<tr>
<td><strong>Tank capacity/Fill capacity</strong></td>
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<tr>
<td>Fuel tank, capacity</td>
<td>L • Gal</td>
<td>73 • 19.3</td>
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<tr>
<td>Water tank, capacity</td>
<td>L • Gal</td>
<td>260 • 68.7</td>
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<tr>
<td><strong>Sound level</strong></td>
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<tr>
<td>Acoustic power LW(A), sticker</td>
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<td>106</td>
</tr>
<tr>
<td>Acoustic power LW(A), measured</td>
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<td>102</td>
</tr>
</tbody>
</table>

### EQUIPMENT

12 V outlet, 3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Pressure water sprinkling with interval switch, Operator’s platform with entry from both sides, Left and right drive lever, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central water drain

### OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS cabin with heating, ROPS, foldable, Safety belt monitoring device, Radio, Protective roof, Edge pressing and cutting equipment, Chip spreader, Thermal aprons, All-wheel lock, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Back-up alarm, Telematics system, interface, Working light, Rotating beacon, Drum edge lighting, Water drain valve, Tow eye, front, Tow hitch