HD 12i VO
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD CompactLine / Series H251

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 • in</th>
</tr>
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<tr>
<td>Total length (L)</td>
<td>2530 • 99.6</td>
</tr>
<tr>
<td>Width (B)</td>
<td>1310 • 51.6</td>
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<tr>
<td>Total height (H)</td>
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<tr>
<td>Drum width (X)</td>
<td>1200/1200 • 47.2/47.2</td>
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<td>Height, loading, min. (HL)</td>
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EU Stage V / EPA Tier 4
TECHNICAL DATA

Weights
- Operating weight with ROPS kg • lbs: 2755 • 6,075
- Operating weight, max. kg • lbs: 3470 • 7,651
- Static linear load, front/rear kg/cm • lbs/in: 11,1/11,8 • 62.2/66.1
- French classification, data/class: 11,8/PV3

Machine dimensions
- Total length mm • in: 2530 • 99.6
- Total height with ROPS mm • in: 2475 • 97.4
- Height, loading, min. mm • in: 1752 • 69.0
- Wheelbase mm • in: 1700 • 66.9
- Total width mm • in: 1310 • 51.6
- Max. working width mm • in: 1250 • 49.2
- Curb clearance, left/right mm • in: 570/570 • 22.4/22.4
- Turning radius, inside mm • in: 2370 • 93.3

Drum dimensions
- Drum width, front/rear mm • in: 1200/1200 • 47.2/47.2
- Drum diameter, front/rear mm • in: 720/720 • 28.3/28.3
- Drum thickness, front/rear mm • in: 15/15 • 0.6/0.6
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right mm • in: 0/50 • 0.0/2.0

Diesel engine
- Manufacturer: KUBOTA
- Type: D1803-CR
- Number of cylinders: 3
- Power rat. ISO 14396, kW/PS/rpm: 24.0/32.6/2200
- Power rating SAE J1995, kW/HP/rpm: 24.0/32.2/2200
- Emission standard: EU Stage V / EPA Tier 4
- Exhaust gas after-treatment: DOC-DPF

Drive
- Speed, infinitely variable km/h • mph: 10.2 • 6.3
- Climbing ability, vibration on/off %: 35/40

Vibration
- Vibration frequency, front, I/II Hz • vpm: 65/51 • 3,900/3,060
- Amplitude, front, I/II mm • in: 0.45/0.45 • 0.018/0.018
- Centrifugal force, front, I/II kN • lbs: 49/30 • 11,025/6,750

Oscillation
- Oscillation force, rear, I/II kN • lbs: 39/23 • 8,775/5,175
- Oscillation frequency, rear, I/II Hz • vpm: 38/29 • 2,280/1,740
- Tangential amplitude, rear, I/II mm • in: 1,14/1.14 • 0.045/0.045

Steering
- Oscillation angle +/- °: 8
- Steering, type: Articulated steering

Sprinkler system
- Water sprinkler, type: Pressure

Tank capacity/Fill capacity
- Fuel tank, capacity L • Gal: 42 • 11.1
- Water tank, capacity L • Gal: 180 • 47.6

Sound level
- Acoustic power LWA, sticker: 106
- Acoustic power LWA, measured: 102