DV+ 90i VV
Tandem roller with two vibrating roller drums
Tandem rollers Series DV+ / Series H278

HIGHLIGHTS DV+

➤ Operating concept Easy Drive
➤ Electronic machine management Hammtronic
➤ Large-space panorama cabin with free-view concept and free view of the drums and construction site
➤ High compaction performance due to optimal setting of the compaction parameters
➤ Intelligent water sprinkler system

<table>
<thead>
<tr>
<th>Machine dimensions</th>
<th>mm • in</th>
<th>4450 • 175.2</th>
<th>1860 • 73.2</th>
<th>2965 • 116.7</th>
<th>1680/1680 • 66.1/66.1</th>
<th>2172 • 85.5</th>
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<tbody>
<tr>
<td>Total length (L)</td>
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<td>Width (B)</td>
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<td>Total height (H)</td>
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<td>Drum width (X)</td>
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<td>Height, loading, min. (Hl)</td>
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TECHNICAL DATA

Weights
- Operating weight with cab: 9560 kg • 21,080 lbs
- Operating weight, max.: 12280 kg • 27,077 lbs
- Static linear load, front/rear: 29,1/27,8 kg/cm • 163.0/155.7 lbs/in
- French classific., data/class: 22,9/VT1

Machine dimensions
- Total length: 4450 mm • 175.2 in
- Total height with cab: 2965 mm • 116.7 in
- Height, loading, min.: 2172 mm • 85.5 in
- Wheelbase: 3250 mm • 128.0 in
- Total width with cab: 1860 mm • 73.2 in
- Max. working width: 3050 mm • 120.1 in
- Curb clearance, left/right: 665/665 mm • 26.2/26.2 in
- Turning radius, inside: 3000 mm • 118.1 in

Drum dimensions
- Drum width, front/rear: 1680/1680 mm • 66.1/66.1 in
- Drum diameter, front/rear: 1200/1200 mm • 47.2/47.2 in
- Drum thickness, front/rear: 17/17 mm • 0.7/0.7 in
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 1370 mm • 53.9 in

Diesel engine
- Manufacturer: DEUTZ
- Type: TCD 3.6 L4
- Number of cylinders: 4
- Power rat. ISO 14396, kW/PS/rpm: 74,4/101,2/2200
- Power rating SAE J1349, kW/HP/rpm: 74,4/99,7/2200
- Emission standard: EU Stage V / EPA Tier 4
- Exhaust gas after-treatment: DOC-DPF-SCR

Drive
- Speed, infinitely variable: km/h • mph 0 - 11,0 • 0.0 - 6.8
- Regulation, infinitely variable
- Climbing ability, vibration on/off: % 40/45

Vibration
- Vibration frequency, front, I/II: Hz • vpm 42/50 • 2,520/3,000
- Vibration frequency, rear, I/II: Hz • vpm 42/50 • 2,520/3,000
- Amplitude, front, I/II: mm • in 0,62/0,40 • .024/.016
- Amplitude, rear, I/II: mm • in 0,62/0,40 • .024/.016
- Centrifugal force, front, I/II: kN • lbs 84/78 • 18,900/17,550
- Centrifugal force, rear, I/II: kN • lbs 84/78 • 18,900/17,550

Steering
- Oscillation angle +/-: ° 4
- Steering, type: All-wheel, analog

Sprinkler system
- Water sprinkler, type: Pressure

Tank capacity/Fill capacity
- Fuel tank, capacity: L • Gal 160 • 42.3
- AdBlue/DEF tank, content: L • Gal 20 • 5.3
- Water tank, capacity: L • Gal 810 • 214.0

Sound level
- Acoustic power LW(A), sticker: 106
- Acoustic power LW(A), measured: 104

EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, 2 water pumps, Foldable scraper, Operating concept Easy Drive, Lighting package as per road traffic regulations, Pressurized refilling of water tanks from below, ECO mode, Spring-mounted driver’s seat with armrests and safety belt, Cup holder, Hammtronic—electronic machine management, Cabin floor window, front and rear, Seat-operating unit, can be moved and rotated laterally, Spray system with spray bar front and rear, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain

OPTIONAL EQUIPMENT
Radio, HCQ navigator, Edge pressing and cutting equipment, Chip spreader, Anti-freeze injection, Central grease point, Automatic engine-off function, HAMM Temperature Meter (HTM), Back-up alarm, Rotating beacon, Drum edge lighting, Drum lighting, Coming home lighting

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