DV+ 90i VT-S
Tandem roller with vibrating roller drum and set of tyres
Tandem rollers Series DV+ / Series H278

HIGHLIGHTS DV+

> Operating concept Easy Drive
> Electronic machine management Hammtronic
> Large panorama cabin with clear view concept and free visibility of the drums and the construction site
> High compaction quality through optimum setting of the compaction parameters
> Intelligent water sprinkler system

<table>
<thead>
<tr>
<th>Machine dimensions</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>mm</td>
<td>4440</td>
</tr>
<tr>
<td>Width (B)</td>
<td>mm</td>
<td>1860</td>
</tr>
<tr>
<td>Total height (H)</td>
<td>mm</td>
<td>2965</td>
</tr>
<tr>
<td>Drum width (X)</td>
<td>mm</td>
<td>1680</td>
</tr>
<tr>
<td>Height loading, min. (Hl)</td>
<td>mm</td>
<td>2172</td>
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</tbody>
</table>
TECHNICAL DATA

### Weights
- Operating weight with cab: 9010 kg
- Operating weight, max.: 11740 kg
- Static linear load, front: 29.5 kg/cm
- French classification, data/class: 23.0/VX1 / 10.1/PLO

### Machine dimensions
- Total length: 4440 mm
- Total height with cab: 2965 mm
- Height loading, min.: 2172 mm
- Wheel base: 3250 mm
- Total width with cab: 1860 mm
- Max. working width: 3050 mm
- Kerb clearance, left/right: 665/665 mm
- Turning radius, inside: 3000 mm

### Drum dimensions
- Drum width, front: 1680 mm
- Drum diameter, front: 1200 mm
- Drum thickness, front: 17 mm
- Drum type, front: Smooth/split
- Track offset, left/right: 1370 mm

### Wheel dimensions
- Size of tyres, rear: 11.00-20
- Width over tyres, rear: 1680 mm
- Number of tyres, rear: 4

### Diesel engine
- Manufacturer: DEUTZ
- Version: 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: DDC-DPF-SCR

### Drive
- Speed, infinitely variable: 0-11.0 km/h
- Regulation, infinitely variable: Hammtronic
- Climbing ability, vibration on/off: 40/45%

### Vibration
- Vibration frequency, front, I/II: 42/50 Hz
- Amplitude, front, I/II: 0.61/0.40 mm
- Centrifugal force, front, I/II: 84/78 kN

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

### Sprinkler system
- Water sprinkler, type: Pressure

### Tank capacity/Fill capacity
- Fuel tank, capacity: 160 L
- AdBlue/DEF tank, content: 20 L
- Water tank, capacity: 810 L
- Additive tank, capacity: 30 L

### Sound level
- Acoustic power LWA, sticker: 106 dB
- Acoustic power LWA, measured: 104 dB

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EQUIPMENT
- 12 V sockets (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 system, Central grease point, Automatic engine-off function, HAMM Temperature Meter (HTM), Back-up alarm (reversing), Rotating beacon, Drum edge lighting, Coming home lighting

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