DV+ 90i VS-OS
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series DV+ / Series H278

**HIGHLIGHTS DV+**

- Operating concept Easy Drive
- 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
- Compaction with oscillation

**Machine dimensions**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length (L)</td>
<td>mm</td>
<td>4450</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>1680/1680</td>
</tr>
<tr>
<td>Height loading, min. (Hl)</td>
<td>mm</td>
<td>2172</td>
</tr>
</tbody>
</table>

EU Stage V / EPA Tier 4
## TECHNICAL DATA

### Weights
- Operating weight with cab: 10060 kg
- Operating weight, max.: 12780 kg
- Static linear load, front/rear: 29,2/30,7 kg/cm
- French classific., data/class: 22,8/VT1

### Machine dimensions
- Total length: 4450 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: 655/665 mm
- Turning radius, inside: 3000 mm

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

### 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: DOC-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: Hz 42/50
- Amplitude, front, I/II: mm 0,61/0,40
- Centrifugal force, front, I/II: kN 84/78

### Oscillation
- Oscillation force, rear: kN 141
- Oscillation frequency, rear: Hz 36
- Tangential amplitude, rear: mm 1,12

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

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

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

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

---

**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, Drum lighting, Coming home lighting

---

HAMM AG
Hammerstraße 1
D-95643 Tirschenreuth
Tel +49 9631 80-0
Fax +49 9631 80-111
www.hamm.eu