

Technical data

HD+ 90i PH VT



Tandem rollers Series HD+

Tandem roller with vibration drum and set of wheels

H276

HIGHLIGHTS

- > Hybrid hydraulic drive
- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Electronic machine management Hammtronic
- > Excellent view of the machine and the construction site

TECHNICAL DATA HD+ 90i PH VT (H276)

Weights

| | | |
|------------------------------------|-------|-------------------|
| Operating weight with cab | kg | 8720 |
| Operating weight with ROPS | kg | 8550 |
| Max. operating weight | kg | 11280 |
| Static linear load, front | kg/cm | 27,8 |
| French classification, value/class | | 21,9.10,1/VX1.PLO |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 4800 |
| Total height with cab | mm | 3010 |
| Height loading, min. | mm | 2226 |
| Centre distance | mm | 3600 |
| Total width with cab | mm | 1800 |
| Maximum working width | mm | 1820 |
| Kerb clearance, left/right | mm | 800/800 |
| Turning radius, inside | mm | 5900 |

Drum dimensions

| | | |
|--------------------------|----|------------------|
| Drum width, front | mm | 1680 |
| Drum diameter, front | mm | 1200 |
| Drum thickness, front | mm | 17 |
| Drum type, front | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Tyre dimensions

| | | |
|------------------------|----|----------|
| Tyre size, rear | | 11.00-20 |
| Width over tyres, rear | mm | 1620 |
| Number of tyres, rear | | 4 |

Diesel engine

| | | |
|-----------------------------------|--|----------------|
| Manufacturer | | DEUTZ |
| Model | | TCD 2.9 L4 |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 55,4/75,3/2300 |
| Power SAE J1349, kW/HP/rpm | | 55,4/74,2/2300 |
| Exhaust emissions category, EU | | EU Stage 5 |
| Exhaust emissions category, Japan | | |
| Exhaust emissions category, Korea | | KOR Stage 5 |
| Exhaust emissions category, USA | | EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF |

Travel drive

| | | |
|--------------------------------------|------|------------|
| Speed, working gear | km/h | 0-6,0 |
| Speed, transport gear | km/h | 0-12,0 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 50/55 |

Vibration

| | | |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 42/50 |
| Amplitude, front, level I/II | mm | 0,62/0,34 |
| Centrifugal force, front, level I/II | kN | 75/60 |

Steering

| | | |
|--------------------|---|----------------------|
| Pendulum angle +/- | ° | 10 |
| Steering, type | | Articulated steering |

Water-sprinkling system

| | | |
|------------------------|--|----------|
| Water sprinkling, type | | Pressure |
|------------------------|--|----------|

Tank capacity/filling capacity

| | | |
|-------------------------|---|-----|
| Fuel tank, capacity | L | 173 |
| Water tank, capacity | L | 760 |
| Additive tank, capacity | L | 22 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 106 |
| Sound power level L(WA), representative measurement | db(A) | 102 |

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Scraper foldable | Dashboard with displays, indicator lights and function keys | Easy Drive operating concept | Electric-powered cooling fan | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Track offset, hydraulic | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additional hydraulic performance support up to 20 kW

OPTIONAL EQUIPMENT

Dashboard cover, lockable | Tachograph | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm | Working spotlights | Automatic engine stop