

Technical data

HD+ 120i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H274

HIGHLIGHTS

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of the machine and the construction site
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

TECHNICAL DATA HD+ 120i VO (H274)

Weights

| | | |
|------------------------------------|-------|-----------|
| Operating weight with cab | kg | 12885 |
| Operating weight with ROPS | kg | 12645 |
| Max. operating weight | kg | 13700 |
| Static linear load, front/rear | kg/cm | 31,9/31,9 |
| French classification, value/class | | 30,1/VT2 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 5300 |
| Total height with cab | mm | 2980 |
| Total height with ROPS | mm | 3030 |
| Height loading, min. | mm | 2140 |
| Centre distance | mm | 3900 |
| Total width with cab | mm | 2145 |
| Maximum working width | mm | 2150 |
| Ground clearance, centre | mm | 340 |
| Kerb clearance, left/right | mm | 900/900 |
| Turning radius, inside | mm | 6280 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 1980/1980 |
| Drum diameter, front/rear | mm | 1400/1400 |
| Drum thickness, front/rear | mm | 19/20 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| Manufacturer | | DEUTZ |
| Model | | TCD 4.1 L4 |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 115,0/156,4/2300 |
| Power SAE J1349, kW/HP/rpm | | 115,0/154,1/2300 |
| Exhaust emission standard | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF-SCR |

Travel drive

| | | |
|--------------------------------------|------|------------|
| Speed, infinitely variable | km/h | 0-10,0 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 41/41 |

Vibration

| | | |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 40/50 |
| Amplitude, front, I/II | mm | 0,95/0,35 |
| Centrifugal force, front, I/II | kN | 159/93 |

Oscillation

| | | |
|-----------------------------|----|-------|
| Oscillation force, rear | kN | 170,5 |
| Oscillation frequency, rear | Hz | 36 |
| Tangential amplitude, rear | mm | 1,25 |

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|--|---|------|
| Fuel tank, capacity | L | 260 |
| AdBlue/SCR reducing agent tank, capacity | L | 20 |
| Water tank, capacity | L | 1145 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 109 |
| Sound power level L(WA), representative measurement | db(A) | 107 |

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | 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

OPTIONAL EQUIPMENT

Heating and air conditioning | Tachograph | Bluetooth interface for Smart Doc | Dashboard cover | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm (reversing) | Telematics interface | Working lights | Rotating beacon | Coming home lighting | Locking device