

HD+ 120i VV

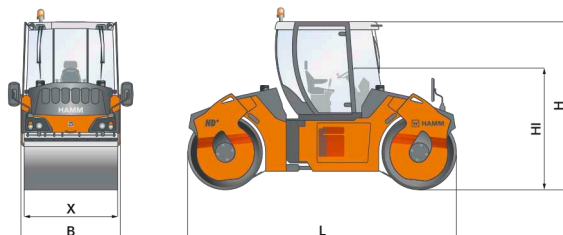
Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H274













HIGHLIGHTS HD+

- > 3-point articulation for even weight distribution and excellent directional stability
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > Track offset for comfortable starting and driving away and compacting at curbsides

| Machine dimensions | | |
|----------------------------|---------|-----------------------|
| Total length (L) | mm • in | 5300 • 208.7 |
| Width (B) | mm • in | 2145 • 84.4 |
| Total height (H) | mm • in | 2980 • 117.3 |
| Drum width (X) | mm • in | 1980/1980 • 78.0/78.0 |
| Height, loading, min. (HI) | mm • in | 2140 • 84.3 |



EU Stage V /
EPA Tier 4

| TECHNICAL DATA | | Unit | HD+ 120i VV |
|--|------------------------------------|----------------|-------------------------|
|  | Weights | | |
| | Operating weight with cab | kg • lbs | 12605 • 27,794 |
| | Operating weight with ROPS | kg • lbs | 12365 • 27,265 |
| | Operating weight, max. | kg • lbs | 13420 • 29,591 |
| | Static linear load, front/rear | kg/cm • lbs/in | 31,9/31,8 • 178.6/178.1 |
| | French classific., data/class | | 30,1/VT2 |
|  | Machine dimensions | | |
| | Total length | mm • in | 5300 • 208.7 |
| | Total height with cab | mm • in | 2980 • 117.3 |
| | Height, loading, min. | mm • in | 2140 • 84.3 |
| | Wheelbase | mm • in | 3900 • 153.5 |
| | Total width with cab | mm • in | 2145 • 84.4 |
| | Max. working width | mm • in | 2150 • 84.6 |
| | Curb clearance, left/right | mm • in | 900/900 • 35.4/35.4 |
| | Turning radius, inside | mm • in | 6280 • 247.2 |
|  | Drum dimensions | | |
| | Drum width, front/rear | mm • in | 1980/1980 • 78.0/78.0 |
| | Drum diameter, front/rear | mm • in | 1400/1400 • 55.1/55.1 |
| | Drum thickness, front/rear | mm • in | 19/19 • 0.70/0.7 |
| | Drum type, front | | Smooth/non-split |
| | Drum type, rear | | Smooth/non-split |
| | Track offset, left/right | mm • in | 170 • 6.7 |
|  | Diesel engine | | |
| | Manufacturer | | DEUTZ |
| | Type | | TCD 4.1 L4 |
| | Number of cylinders | | 4 |
| | Power rat. ISO 14396, kW/PS/rpm | | 115,0/156,4/2300 |
| | Power rating SAE J1349, kW/HP/rpm | | 115,0/154,1/2300 |
| | Emission standard | | EU Stage V / EPA Tier 4 |
| | Exhaust gas after-treatment | | DOC-DPF-SCR |
|  | Drive | | |
| | Speed, infinitely variable | km/h • mph | 0-10,0 • 0.0-6.2 |
| | Regulation, infinitely variable | | Hammtronic |
| | Climbing ability, vibration on/off | % | 41/41 |
|  | Vibration | | |
| | Vibration frequency, front, I/II | Hz • vpm | 40/50 • 2,400/3,000 |
| | Vibration frequency, rear, I/II | Hz • vpm | 40/50 • 2,400/3,000 |
| | Amplitude, front, I/II | mm • in | 0,89/0,35 • .035/.014 |
| | Amplitude, rear, I/II | mm • in | 0,89/0,35 • .035/.014 |
| | Centrifugal force, front, I/II | kN • lbs | 173/95 • 38,925/21,375 |
| | Centrifugal force, rear, I/II | kN • lbs | 173/95 • 38,925/21,375 |
|  | Steering | | |
| | Oscillation angle +/- | ° | 10 |
| | Steering, type | | Articulated steering |
|  | Sprinkler system | | |
| | Water sprinkler, type | | Pressure |
|  | Tank capacity/Fill capacity | | |
| | Fuel tank, capacity | L • Gal | 260 • 68.7 |
| | AdBlue/DEF tank, content | L • Gal | 20 • 5.3 |
| | Water tank, capacity | L • Gal | 1145 • 302.5 |
|  | Sound level | | |
| | Acoustic power LW(A), sticker | | 109 |
| | Acoustic power LW(A), measured | | 108 |

EQUIPMENT

12 V outlet, 2 large working and rear view mirrors, Foldable scraper, Operating concept Easy Drive, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Speed-controlled water sprinkling system, Speed preselect, Vibration-isolated operator's platform, Track offset, hydraulic, Spray system with spray bars front and rear, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain

OPTIONAL EQUIPMENT

Working light, Locking device, HAMM Temperature Meter (HTM), Dashboard cover, ROPS cabin with non-split doors, Drum edge lighting, Back-up alarm, Tool kit, Coming home lighting, Tachograph, Fire extinguisher, HCQ navigator, Track offset display, Edge pressing and cutting equipment, Heating and air conditioning, Automatic engine-off function, Radio, Rotating beacon, Compaction meter HCQ, Cutting disc

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