

HD+ 140i VO

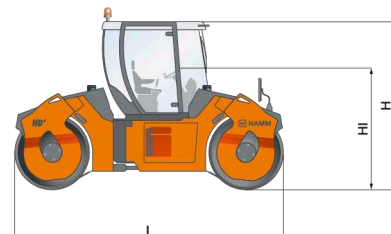
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H243




HIGHLIGHTS HD+

- > 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

| Machine dimensions | | |
|---------------------------|----|-----------|
| Total length (L) | mm | 5300 |
| Width (B) | mm | 2260 |
| Total height (H) | mm | 2980 |
| Drum width (X) | mm | 2140/2140 |
| Height loading, min. (HI) | mm | 2140 |



| TECHNICAL DATA | | Unit | HD+ 140i VO |
|--|------------------------------------|-------|--------------------------|
|  | Weights | | |
| | Operating weight with cab | kg | 13055 |
| | Operating weight with ROPS | kg | 12815 |
| | Operating weight, max. | kg | 13970 |
| | Static linear load, front/rear | kg/cm | 30,1/30,9 |
|  | Machine dimensions | | |
| | Total length | mm | 5300 |
| | Total height with cab | mm | 2980 |
| | Height loading, min. | mm | 2140 |
| | Wheel base | mm | 3900 |
| | Total width with cab | mm | 2260 |
| | Max. working width | mm | 2310 |
| | Ground clearance, left/right | mm | 900/900 |
| | Turning radius, inside | mm | 6200 |
|  | Drum dimensions | | |
| | Drum width, front/rear | mm | 2140/2140 |
| | Drum diameter, front/rear | mm | 1400/1400 |
| | Drum thickness, front/rear | mm | 19/20 |
| | Drum type, front | | smooth/non-divided |
| | Drum type, rear | | smooth/non-divided |
| | Track offset, left/right | mm | 170 |
|  | Diesel engine | | |
| | Manufacturer | | DEUTZ |
| | Version | | 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 IV / EPA Tier 4 |
| | Exhaust gas after-treatment | | DOC-DPF-SCR |
|  | Drive | | |
| | Speed, working gear | km/h | 0-6,0 |
| | Speed, transportation gear | km/h | 0-12,0 |
| | Regulation, infinitely variable | | Hammttronic |
| | Climbing ability, vibration on/off | % | 30/35 |
|  | Vibration | | |
| | Vibration frequency, front, I/II | Hz | 40/50 |
| | Amplitude, front, I/II | mm | 0,86/0,33 |
| | Centrifugal force, front, I/II | kN | 180/95 |
|  | Oscillation | | |
| | Oscillation force, rear | kN | 175 |
| | Oscillation frequency, rear | Hz | 36 |
| | Tangential amplitude, rear | mm | 1,25 |
|  | Steering | | |
| | Oscillation angle +/- | ° | 10 |
| | Steering, type | | Articulated steering |
|  | Sprinkler system | | |
| | Water sprinkler, type | | Pressure |
|  | Tank capacity/Fill capacity | | |
| | Fuel tank, capacity | L | 260 |
| | AdBlue/DEF tank, content | L | 20 |
| | Water tank, capacity | L | 1145 |
|  | Sound level | | |
| | Acoustic power LW(A), sticker | | 109 |
| | Acoustic power LW(A), measured | | 107 |

EQUIPMENT

2 water pumps, Foldable scraper, Tilttable dashboard, Operating concept Easy Drive, Spring-mounted driver's seat with armrests and safety belt, Hammttronic - electronic machine management, Seat-operating unit, can be moved and rotated laterally, Track offset, Vibration parameters, adjustable individually, 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, Handrails on the operator's platform

OPTIONAL EQUIPMENT

HCO Navigator, Steering column with comfort exit and tilttable dashboard, Multifunction armrest, right, foldable, ROPS cabin with non-split doors, Rotating beacon, Protective roof, ROPS cabin with split doors, Working lights, Back-up alarm (reversing), Frequency control, Anti-freeze injection system, Speedometer, HAMM Temperature Meter (HTM), Heating and air conditioning, Heating, Track offset display, Edge pressing and cutting equipment, Radio, ROPS, rigid, Automatic engine-off function, Drum edge lighting, Telematics interface, Coming home lighting

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