

Technical data

# HD+ 120i VV



## Tandem rollers Series HD+

Tandem roller with two vibrating roller drums

**H304**

### HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Innovative cabin concept for optimal visibility and high comfort
- > Seat operating unit can be moved and rotated
- > Digital ready

## TECHNICAL DATA HD+ 120i VV (H304)

## Weights

|                                        |       |             |
|----------------------------------------|-------|-------------|
| Operating weight with cab              | kg    | 12580       |
| Operating weight with ROPS             | kg    | 12330       |
| Empty weight without cab, without ROPS | kg    | 11265       |
| Max. operating weight                  | kg    | 13610       |
| Axle load, front/rear                  | kg    | 6300/6280   |
| Static linear load, front/rear         | kg/cm | 31,82/31,72 |
| French classification, value/class     |       | 30,47/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 | 19/19            |
| 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 | 0-10,5     |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 39/43      |

## Vibration

|                                  |    |           |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 40/50     |
| Vibration frequency, rear, I/II  | Hz | 40/50     |
| Amplitude, front, I/II           | mm | 0,95/0,35 |
| Amplitude, rear, I/II            | mm | 0,95/0,35 |
| Centrifugal force, front, I/II   | kN | 160/95    |
| Centrifugal force, rear, I/II    | kN | 160/95    |

## 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 system | Steering column with comfort exit and tiltable dashboard | Tachograph | Process data interface for third-party provider systems, asphalt construction | Bluetooth interface for Smart Doc | | Smart Compact | Weather station | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | JDLink | Working spotlights | Drum edge lighting | Coming Home function