

Technical data

# HD+ 110i VV-HF



**Tandem rollers Series HD+**  
Tandem roller with two vibrating roller drums

**H303**

## 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+ 110i VV-HF (H303)

## Weights

|  |       |             |
|--|-------|-------------|
| Operating weight with cab              | kg    | 10400       |
| Operating weight with ROPS             | kg    | 10220       |
| Empty weight without cab, without ROPS | kg    | 9410        |
| Max. operating weight                  | kg    | 13050       |
| Axle load, front/rear                  | kg    | 5285/5115   |
| Static linear load, front/rear         | kg/cm | 31,46/30,45 |
| French classification, value/class     |       | 25,45/VT1   |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 4900    |
| Total height with cab      | mm | 2980    |
| Total height with ROPS     | mm | 3030    |
| Height loading, min.       | mm | 2150    |
| Centre distance            | mm | 3700    |
| Total width with cab       | mm | 1800    |
| Maximum working width      | mm | 1850    |
| Ground clearance, centre   | mm | 340     |
| Kerb clearance, left/right | mm | 800/800 |
| Turning radius, inside     | mm | 6050    |

## Drum dimensions

|                            |    |                  |
|----------------------------|----|------------------|
| Drum width, front/rear     | mm | 1680/1680        |
| Drum diameter, front/rear  | mm | 1200/1200        |
| Drum thickness, front/rear | mm | 22/22            |
| Drum type, front           |    | Smooth/non-split |
| Drum type, rear            |    | Smooth/non-split |
| Track offset, left/right   | mm | 170              |

## Diesel engine

|                             |  |                         |
|-----------------------------|--|-------------------------|
| Manufacturer                |  | DEUTZ                   |
| Model                       |  | TCD 3.6 L4              |
| Cylinders, quantity         |  | 4                       |
| Power ISO 14396, kW/PS/rpm  |  | 85,0/115,6/2300         |
| Power SAE J1349, kW/HP/rpm  |  | 85,0/113,9/2300         |
| Exhaust emission standard   |  | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment |  | DOC-DPF-SCR             |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0 - 10,4   |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 37/41      |

## Vibration

|  |    |           |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 45/67     |
| Vibration frequency, rear, level I/II  | Hz | 45/67     |
| Amplitude, front, level I/II           | mm | 0,70/0,30 |
| Amplitude, rear, level I/II            | mm | 0,70/0,30 |
| Centrifugal force, front, level I/II   | kN | 110/110   |
| Centrifugal force, rear, level I/II    | kN | 110/110   |

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

|  |   |     |
|--|---|-----|
| Fuel tank, capacity                      | L | 173 |
| AdBlue/SCR reducing agent tank, capacity | L | 20  |
| Water tank, capacity                     | L | 760 |

## Sound level

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

## EQUIPMENT

Scrapers foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed preselect | Vibration-isolated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet | Steering column with tiltable dashboard

## OPTIONAL EQUIPMENT

Heating and air-conditioning system | Tachograph | 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