

Technical data

# HD+ 80i VT-S



## Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H302

### 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+ 80i VT-S (H302)

## Weights

|                                        |       |                   |
|----------------------------------------|-------|-------------------|
| Operating weight with cab              | kg    | 7615              |
| Operating weight with ROPS             | kg    | 7435              |
| Empty weight without cab, without ROPS | kg    | 6720              |
| Max. operating weight                  | kg    | 10270             |
| Axle load, front/rear                  | kg    | 4080/3535         |
| Static linear load, front              | kg/cm | 24,27             |
| French classification, value/class     |       | 19,3/VX1; 8,8/PLO |
| Wheel load per tyre, rear              | kg    | 883,75            |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 4480    |
| Total height with cab      | mm | 2890    |
| Total height with ROPS     | mm | 2970    |
| Height loading, min.       | mm | 2080    |
| Centre distance            | mm | 3340    |
| Total width with cab       | mm | 1800    |
| Maximum working width      | mm | 1780    |
| Ground clearance, centre   | mm | 340     |
| Kerb clearance, left/right | mm | 750/750 |
| Turning radius, inside     | mm | 4140    |

## Drum dimensions

|                          |    |              |
|--------------------------|----|--------------|
| Drum width, front        | mm | 1680         |
| Drum diameter, front     | mm | 1140         |
| Drum thickness, front    | mm | 17           |
| Drum type, front         |    | Smooth/split |
| Track offset, left/right | mm | 135          |

## Tyre dimensions

|                        |    |          |
|------------------------|----|----------|
| Tyre size, rear        |    | 11.00-20 |
| Width over tyres, rear | mm | 1614     |
| Number of tyres, rear  |    | 4        |

## Diesel engine

|                             |  |                         |
|-----------------------------|--|-------------------------|
| Manufacturer                |  | DEUTZ                   |
| Model                       |  | TCD 2.9 L4              |
| Cylinders, quantity         |  | 4                       |
| Power ISO 14396, kW/PS/rpm  |  | 55,4/75,3/2300          |
| Power SAE J1349, kW/HP/rpm  |  | 55,4/74,2/2300          |
| Exhaust emission standard   |  | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment |  | DOC-DPF                 |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0 - 10,0   |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 42/47      |

## Vibration

|                                  |    |           |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 42/50     |
| Amplitude, front, I/II           | mm | 0,55/0,40 |
| Centrifugal force, front, I/II   | kN | 65/65     |

## Steering

|                 |   |    |
|-----------------|---|----|
| Swing angle +/- | ° | 10 |
|-----------------|---|----|

## Steering

|                |  |                      |
|----------------|--|----------------------|
| Steering, type |  | Articulated steering |
|----------------|--|----------------------|

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                         |   |     |
|-------------------------|---|-----|
| Fuel tank, capacity     | L | 120 |
| Water tank, capacity    | L | 700 |
| Additive tank, capacity | L | 18  |

## Sound level

|                                                     |       |     |
|-----------------------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 106 |
| Sound power level L(WA), representative measurement | db(A) | 105 |

## EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Automatic traction control and anti-slip control | Vibration-insulated 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 | Additive-sprinkling system for tyres, rear

## OPTIONAL EQUIPMENT

Heating | Heating and air-conditioning system | Steering column with comfort exit and tilttable dashboard | Tachograph | Process data interface for third-party provider systems, asphalt construction | Bluetooth interface for Smart Doc | | Smart Compact | Protective roof | Edge pressing and cutting equipment | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | JDLINK | Working spotlights | Rotating beacon