

Technical data

# HD+ 70i VT



## Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H186

### HIGHLIGHTS

- > Seat-operating unit can be moved and rotated
- > Excellent view of machine and construction site
- > Simple, intuitive and language-neutral control
- > 3-point articulation for even weight distribution and excellent directional stability
- > Track offset for comfortable starting and driving away and compacting at curbsides

## TECHNICAL DATA HD+ 70i VT (H186)

## Weights

|                                    |                 |                  |
|------------------------------------|-----------------|------------------|
| Operating weight with cab          | kg<br>lbs       | 7035<br>15,512   |
| Operating weight with ROPS         | kg<br>lbs       | 6865<br>15,137   |
| Max. operating weight              | kg<br>lbs       | 9490<br>20,925   |
| Static linear load, front          | kg/cm<br>lbs/in | 25,0<br>140.0    |
| French classification, value/class |                 | 19,8.8,2/VX1.PLO |

## Machine dimensions

|                            |          |                      |
|----------------------------|----------|----------------------|
| Total length               | mm<br>in | 4480<br>176.4        |
| Total height with cab      | mm<br>in | 2890<br>113.8        |
| Total height with ROPS     | mm<br>in | 2970<br>116.9        |
| Height loading, min.       | mm<br>in | 2080<br>81.9         |
| Center distance            | mm<br>in | 3340<br>131.5        |
| Total width with cab       | mm<br>in | 1790<br>70.5         |
| Maximum working width      | mm<br>in | 1595<br>62.8         |
| Ground clearance, center   | mm<br>in | 340<br>13.4          |
| Curb clearance, left/right | mm<br>in | 750/750<br>29.5/29.5 |
| Turning radius, inside     | mm<br>in | 4230<br>166.5        |

## Drum dimensions

|                          |          |                  |
|--------------------------|----------|------------------|
| Drum width, front        | mm<br>in | 1500<br>59.1     |
| Drum diameter, front     | mm<br>in | 1140<br>44.9     |
| Drum thickness, front    | mm<br>in | 17<br>0.7        |
| Drum type, front         |          | Smooth/non-split |
| Track offset, left/right | mm<br>in | 135<br>5.3       |

## Tire dimensions

|                        |          |              |
|------------------------|----------|--------------|
| Tire size, rear        |          | 11.00-20     |
| Width over tires, rear | mm<br>in | 1420<br>55.9 |
| Number of tires, rear  |          | 4            |

## Diesel engine

|                            |  |                |
|----------------------------|--|----------------|
| Manufacturer               |  | DEUTZ          |
| Model                      |  | TCD 2.9 L4     |
| Cylinders, quantity        |  | 4              |
| Power ISO 14396, kW/PS/rpm |  | 55,4/75,3/2500 |
| Power SAE J1349, kW/HP/rpm |  | 55,4/74,2/2500 |

## Diesel engine

|                             |  |                            |
|-----------------------------|--|----------------------------|
| Exhaust emission standard   |  | EU Stage IIIB / EPA Tier 4 |
| Exhaust gas after-treatment |  | DOC                        |

## Travel drive

|                                      |             |                   |
|--------------------------------------|-------------|-------------------|
| Speed, working gear                  | km/h<br>mph | 0-6,0<br>0.0-3.7  |
| Speed, transport gear                | km/h<br>mph | 0-12,0<br>0.0-7.5 |
| Regulation, infinitely variable      |             | HAMMTRONIC        |
| Gradeability, with/without vibration | %           | 30/40             |

## Vibration

|                                  |           |                        |
|----------------------------------|-----------|------------------------|
| Vibration frequency, front, I/II | Hz<br>vpm | 48/58<br>2,880/3,480   |
| Amplitude, front, I/II           | mm<br>in  | 0,63/0,35<br>.025/.014 |
| Centrifugal force, front, I/II   | kN<br>lbs | 84/69<br>18,900/15,525 |

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

|                         |          |              |
|-------------------------|----------|--------------|
| Fuel tank, capacity     | L<br>Gal | 120<br>31.7  |
| Water tank, capacity    | L<br>Gal | 700<br>184.9 |
| Additive tank, capacity | L<br>Gal | 18<br>4.8    |

## Sound level

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

## EQUIPMENT

Heating | Steering column with comfort exit and tiltable dashboard | Additional drive lever, left | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm | Telematics interface | Working light | Rotating beacon filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

## OPTIONAL EQUIPMENT