

Technical data

# HD+ 70 VO



## Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H301

### HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > 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

## TECHNICAL DATA HD+ 70 VO (H301)

## Weights

|  |       |             |
|--|-------|-------------|
| Operating weight with cab              | kg    | 7625        |
| Operating weight with ROPS             | kg    | 7445        |
| Empty weight without cab, without ROPS | kg    | 6730        |
| Max. operating weight                  | kg    | 8300        |
| Axle load, front/rear                  | kg    | 3755/3870   |
| Static linear load, front/rear         | kg/cm | 25,03/25,80 |
| French classification, value/class     |       | 18,92/VT0   |

## 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 | 1790    |
| Maximum working width      | mm | 1635    |
| Ground clearance, centre   | mm | 340     |
| Kerb clearance, left/right | mm | 750/750 |
| Turning radius, inside     | mm | 4230    |

## Drum dimensions

|                            |    |                  |
|----------------------------|----|------------------|
| Drum width, front/rear     | mm | 1500/1500        |
| Drum diameter, front/rear  | mm | 1140/1140        |
| Drum thickness, front/rear | mm | 17/19            |
| Drum type, front           |    | Smooth/non-split |
| Drum type, rear            |    | Smooth/non-split |
| Track offset, left/right   | mm | 135              |

## Diesel engine

|                             |  |                            |
|-----------------------------|--|----------------------------|
| Manufacturer                |  | DEUTZ                      |
| Model                       |  | TD 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 IIIA / EPA Tier 3 |
| Exhaust emissions category  |  | UN ECE R96 (Tier 3)        |
| Exhaust gas after-treatment |  | No                         |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0-9,7      |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 41/45      |

## Vibration

|                                  |    |           |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 48/58     |
| Amplitude, front, I/II           | mm | 0,60/0,35 |
| Centrifugal force, front, I/II   | kN | 80/65     |

## Oscillation

|                                   |    |           |
|-----------------------------------|----|-----------|
| Oscillation force, rear, I/II     | kN | 72/105    |
| Oscillation frequency, rear, I/II | Hz | 33/40     |
| Tangential amplitude, rear, I/II  | mm | 1,05/1,05 |

## Steering

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

## Sound level

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

## EQUIPMENT

Folding scraper | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

## OPTIONAL EQUIPMENT

Heating and air-conditioning system | Steering column with comfort exit and tilttable dashboard | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Telematics system | Working spotlights | Drum edge lighting