

Technical data

HD+ 110 VO



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and oscillation drum

H258

HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > Excellent view of the machine and the construction site
- > Seat operating unit can be moved and rotated
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

TECHNICAL DATA HD+ 110 VO (H258)

Weights

| | | |
|--------------------------------|-------|-----------|
| Operating weight with cab | kg | 10615 |
| Operating weight with ROPS | kg | 10455 |
| Operating weight, max. | kg | 11320 |
| Static linear load, front/rear | kg/cm | 32,4/30,8 |
| French classific., data/class | | 29,2/VT2 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 4600 |
| Total height with cab | mm | 3050 |
| Height loading, min. | mm | 2185 |
| Wheel base | mm | 3400 |
| Total width with cab | mm | 1800 |
| Max. working width | mm | 1850 |
| Kerb clearance, left/right | mm | 790/790 |
| Turning radius, inside | mm | 5250 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 1680/1680 |
| Drum diameter, front/rear | mm | 1200/1200 |
| Drum thickness, front/rear | mm | 22/20 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Diesel engine

| | | |
|-----------------------------------|--|----------------------------|
| Manufacturer | | DEUTZ |
| Version | | TCD 2012 L04 2V |
| Number of cylinders | | 4 |
| Power rat. ISO 14396, kW/PS/rpm | | 100,0/136,0/2300 |
| Power rating SAE J1349, kW/HP/rpm | | 100,0/134,0/2300 |
| Emission standard | | EU Stage IIIA / EPA Tier 3 |

Drive

| | | |
|------------------------------------|------|------------|
| Speed, working gear | km/h | 0-5,0 |
| Speed, transportation gear | km/h | 0-11,0 |
| Regulation, infinitely variable | | Hammtronic |
| Climbing ability, vibration on/off | % | 35/40 |

Vibration

| | | |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 42/50 |
| Amplitude, front, I/II | mm | 0,81/0,47 |
| Centrifugal force, front, I/II | kN | 120/99 |

Oscillation

| | | |
|-----------------------------|----|------|
| Oscillation force, rear | kN | 128 |
| Oscillation frequency, rear | Hz | 39 |
| Tangential amplitude, rear | mm | 1,25 |

Steering

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

Sprinkler system

| | | |
|-----------------------|--|----------|
| Water sprinkler, type | | Pressure |
|-----------------------|--|----------|

Tank capacity/Fill capacity

| | | |
|----------------------|---|-----|
| Water tank, capacity | L | 760 |
|----------------------|---|-----|

Sound level

| | | |
|-------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 108 |
| Acoustic power LW(A), measured | db(A) | 104 |

EQUIPMENT

2 water pumps | Foldable scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Spring-mounted driver's seat with armrests and safety belt | Hammtronic - electronic machine management | Seat-operating unit, can be moved and rotated laterally | Track offset | Vibration parameters, adjustable individually | Spray system with spray bars front and rear | Water filtering (triple) | Water tank front and rear, can be filled from both sides | Central water drain

OPTIONAL EQUIPMENT

Air conditioning | Steering column with comfort exit and tilttable dashboard | Safety belt monitoring device | Additional drive lever, left | HCQ Navigator | Protective roof | Edge pressing and cutting equipment | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Rotating beacon