

Technical data

HD+ 110i VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

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 VT (H303)

Weights

| | | |
|--|-------|--------------------|
| Operating weight with cab | kg | 9630 |
| Operating weight with ROPS | kg | 9450 |
| Empty weight without cab, without ROPS | kg | 8640 |
| Max. operating weight | kg | 12330 |
| Axle load, front/rear | kg | 5285/4345 |
| Static linear load, front | kg/cm | 31,46 |
| French classification, value/class | | 22,9/VX0; 10,9/PLO |
| Wheel load per tyre, rear | kg | 1086,25 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 4900 |
| Total height with cab | mm | 3010 |
| Total height with ROPS | mm | 3060 |
| Height loading, min. | mm | 2226 |
| Centre distance | mm | 3700 |
| Total width with cab | mm | 1800 |
| Maximum working width | mm | 1820 |
| Ground clearance, centre | mm | 340 |
| Kerb clearance, left/right | mm | 800/800 |
| Turning radius, inside | mm | 6050 |

Drum dimensions

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

Tyre dimensions

| | | |
|------------------------|----|----------|
| Tyre size, rear | | 11.00-20 |
| Width over tyres, rear | mm | 1620 |
| Number of tyres, rear | | 4 |

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 - 9,8 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 43/48 |

Vibration

| | | |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 42/50 |
| Amplitude, front, level I/II | mm | 0,90/0,50 |
| Centrifugal force, front, level I/II | kN | 120/100 |

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 |
| Additive tank, capacity | L | 22 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 107 |
| Sound power level L(WA), representative measurement | db(A) | 105 |

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 | | Weather station | Edge pressing and cutting equipment | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | JDLink | Working spotlights | Drum edge lighting | Coming Home function