

Technical data

HD+ 110i VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H273

HIGHLIGHTS

- > Operating concept Easy Drive
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Excellent view of machine and construction site
- > Electronic machine management Hammtronic
- > 3-point articulation for even weight distribution and excellent directional stability

TECHNICAL DATA HD+ 110i VT (H273)

Weights

| | | |
|---|-----------------|---------------------------|
| Operating weight with cab | kg lbs | 9595 21,157 |
| Operating weight with ROPS | kg lbs | 9425 20,782 |
| Empty weight without cab, without ROPS | kg lbs | 8595 18,952 |
| Max. operating weight | kg lbs | 12030 26,526 |
| Axle load, front/rear | kg lbs | 5305/4290 11,698/9,459 |
| Static linear load, front | kg/cm lbs/in | 31,6 177.0 |
| French classification, value/class | | 28,8VX2 |
| Wheel load per tire, rear | kg lbs | 1072,5 2,365 |

Machine dimensions

| | | |
|----------------------------|----------|----------------------|
| Total length | mm in | 4900 192.9 |
| Total height with cab | mm in | 3010 118.5 |
| Total height with ROPS | mm in | 3060 120.5 |
| Height loading, min. | mm in | 2226 87.6 |
| Center distance | mm in | 3700 145.7 |
| Total width with cab | mm in | 1800 70.9 |
| Maximum working width | mm in | 1820 71.7 |
| Ground clearance, center | mm in | 340 13.4 |
| Curb clearance, left/right | mm in | 800/800 31.5/31.5 |
| Turning radius, inside | mm in | 6050 238.2 |

Drum dimensions

| | | |
|--------------------------|----------|------------------|
| Drum width, front | mm in | 1680 66.1 |
| Drum diameter, front | mm in | 1200 47.2 |
| Drum thickness, front | mm in | 22 0.9 |
| Drum type, front | | Smooth/non-split |
| Track offset, left/right | mm in | 170 6.7 |

Tire dimensions

| | | |
|------------------------|----------|--------------|
| Tire size, rear | | 11.00-20 |
| Width over tires, rear | mm in | 1620 63.8 |
| Number of tires, rear | | 4 |

Diesel engine

| | | |
|--------------|--|-------|
| Manufacturer | | DEUTZ |
|--------------|--|-------|

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| 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 mph | 0 - 10,2 0.0 - 6.3 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 32/42 |

Vibration

| | | |
|----------------------------------|-----------|-------------------------|
| Vibration frequency, front, I/II | Hz vpm | 42/50 2,520/3,000 |
| Amplitude, front, I/II | mm in | 0,86/0,49 .034/.019 |
| Centrifugal force, front, I/II | kN lbs | 120/99 27,000/22,275 |

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|---|----------|--------------|
| Fuel tank, capacity | L Gal | 173 45.7 |
| AdBlue/SCR reducing agent tank, capacity | L Gal | 20 5.3 |
| Water tank, capacity | L Gal | 760 200.8 |
| Additive tank, capacity | L Gal | 22 5.8 |

Sound level

| | | |
|--|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 107 |
| Sound power level L(WA), representative measurement | db(A) | 103 |

EQUIPMENT

Heating and air conditioning | Tachograph | HCQ navigator | Dashboard cover | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm | Rotating beacon | Coming home lighting | Locking device | Edge pressing and cutting equipment | Compaction meter HCQ hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

OPTIONAL EQUIPMENT