

Technical data

HD+ 80i VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H302

HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent directional stability
- > Innovative cabin concept for optimal visibility and high comfort
- > Seat-operating unit can be moved and rotated
- > Digital ready

TECHNICAL DATA HD+ 80i VT (H302)

Weights

| | | |
|---|-----------------|--------------------------|
| Operating weight with cab | kg lbs | 7465 16,460 |
| Operating weight with ROPS | kg lbs | 7285 16,063 |
| Empty weight without cab, without ROPS | kg lbs | 6570 14,487 |
| Max. operating weight | kg lbs | 10120 22,315 |
| Axle load, front/rear | kg lbs | 3930/3535 8,666/7,795 |
| Static linear load, front | kg/cm lbs/in | 23,39 131.0 |
| French classification, value/class | | 19,4/VX1; 8,8/PLO |
| Wheel load per tire, rear | kg lbs | 883,75 1,949 |

Machine dimensions

| | | |
|----------------------------|----------|----------------------|
| Total length | mm in | 4480 176.4 |
| Total height with cab | mm in | 2890 113.8 |
| Total height with ROPS | mm in | 2970 116.9 |
| Height loading, min. | mm in | 2080 81.9 |
| Center distance | mm in | 3340 131.5 |
| Total width with cab | mm in | 1800 70.9 |
| Maximum working width | mm in | 1780 70.1 |
| Ground clearance, center | mm in | 340 13.4 |
| Curb clearance, left/right | mm in | 750/750 29.5/29.5 |
| Turning radius, inside | mm in | 4140 163.0 |

Drum dimensions

| | | |
|--------------------------|----------|------------------|
| Drum width, front | mm in | 1680 66.1 |
| Drum diameter, front | mm in | 1140 44.9 |
| Drum thickness, front | mm in | 17 0.7 |
| Drum type, front | | Smooth/non-split |
| Track offset, left/right | mm in | 135 5.3 |

Tire dimensions

| | | |
|------------------------|----------|--------------|
| Tire size, rear | | 11.00-20 |
| Width over tires, rear | mm in | 1614 63.5 |
| Number of tires, rear | | 4 |

Diesel engine

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

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| Model | | TCD 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 V / EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF |

Travel drive

| | | |
|---|-------------|-----------------------|
| Speed, infinitely variable | km/h mph | 0 - 9,75 0.0 - 6.1 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 43/48 |

Vibration

| | | |
|----------------------------------|-----------|------------------------|
| Vibration frequency, front, I/II | Hz vpm | 48/58 2,880/3,480 |
| Amplitude, front, I/II | mm in | 0,55/0,30 .022/.012 |
| Centrifugal force, front, I/II | kN lbs | 80/65 18,000/14,625 |

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|-------------------------|----------|--------------|
| Fuel tank, capacity | L Gal | 120 31.7 |
| Water tank, capacity | L Gal | 700 184.9 |
| Additive tank, capacity | L Gal | 18 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 | Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Tachograph | Process data interface for third-party provider systems, asphalt construction | Bluetooth interface for Smart Doc | | Smart Compact | Protective roof | Edge pressing and cutting equipment | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | JDLINK | Working spotlights | Rotating beacon fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tires, rear

OPTIONAL EQUIPMENT