

Technical data

HD+ 80i VV-S



Tandem rollers Series HD+

Tandem roller with two vibrating roller drums

H272

HIGHLIGHTS

- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Excellent view of machine and construction site
- > Seat-operating unit can be moved and rotated
- > Simple, intuitive and language-neutral control
- > 3-point articulation for even weight distribution and excellent directional stability

TECHNICAL DATA HD+ 80i VV-S (H272)

Weights

| | | |
|------------------------------------|-----------------|--------------------------|
| Operating weight with cab | kg lbs | 8030 17,706 |
| Operating weight with ROPS | kg lbs | 7860 17,331 |
| Max. operating weight | kg lbs | 10480 23,108 |
| Static linear load, front/rear | kg/cm lbs/in | 24,2/23,3 135.5/130.5 |
| French classification, value/class | | 17,46/VT0 |

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 | 1815 71.5 |
| 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/rear | mm in | 1680/1680 66.1/66.1 |
| Drum diameter, front/rear | mm in | 1140/1140 44.9/44.9 |
| Drum thickness, front/rear | mm in | 17/17 0.7/0.7 |
| Drum type, front | | Smooth/split |
| Drum type, rear | | Smooth/split |
| Track offset, left/right | mm in | 135 5.3 |

Diesel engine

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

| | | |
|--------------------------------------|---|------------|
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 39/44 |

Vibration

| | | |
|----------------------------------|-----------|----------------------------|
| Vibration frequency, front, I/II | Hz vpm | 42/50 2,520/3,000 |
| Vibration frequency, rear, I/II | Hz vpm | 42/50 2,520/3,000 |
| Amplitude, front, I/II | mm in | 0,54/0,37 .021/.015 |
| Amplitude, rear, I/II | mm in | 0,54/0,37 .021/.015 |
| Centrifugal force, front, I/II | kN lbs | 63,2/62,6 14,220/14,085 |
| Centrifugal force, rear, I/II | kN lbs | 63,2/62,6 14,220/14,085 |

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 |

Sound level

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

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Automatic traction control and anti-slip control | Vibration-insulated driver's platform | Track offset, hydraulic | Water-sprinkling system with spray bars front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

OPTIONAL EQUIPMENT

Heating | Heating and air conditioning | Steering column with comfort exit and tilttable dashboard | Additional drive lever, left | Tachograph | | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Working light | Rotating beacon