

Technical data

HD+ 80i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H302

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+ 80i VO (H302)

Weights

| | | |
|--|-------|-------------|
| Operating weight with cab | kg | 7975 |
| Operating weight with ROPS | kg | 7795 |
| Empty weight without cab, without ROPS | kg | 7080 |
| Max. operating weight | kg | 10580 |
| Axle load, front/rear | kg | 3930/4045 |
| Static linear load, front/rear | kg/cm | 23,39/24,06 |
| French classification, value/class | | 17,03/VT0 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 4480 |
| Total height with cab | mm | 2890 |
| Total height with ROPS | mm | 2970 |
| Height loading, min. | mm | 2080 |
| Centre distance | mm | 3340 |
| Total width with cab | mm | 1800 |
| Maximum working width | mm | 1815 |
| Ground clearance, centre | mm | 340 |
| Kerb clearance, left/right | mm | 750/750 |
| Turning radius, inside | mm | 4140 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 1680/1680 |
| Drum diameter, front/rear | mm | 1140/1140 |
| Drum thickness, front/rear | mm | 17/19 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 135 |

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

| | | |
|--------------------------------------|------|------------|
| Speed, infinitely variable | km/h | 0 - 9,7 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 40/44 |

Vibration

| | | |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 48/58 |
| Amplitude, front, level I/II | mm | 0,55/0,30 |
| Centrifugal force, front, level I/II | kN | 80/65 |

Oscillation

| | | |
|---|----|--------|
| Oscillation force, rear, level I/II | kN | 85/125 |
| Oscillation frequency, rear, level I/II | Hz | 33/40 |

Oscillation

| | | |
|--|----|-----------|
| Tangential amplitude, rear, level I/II | mm | 1,15/1,15 |
|--|----|-----------|

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|----------------------|---|-----|
| Fuel tank, capacity | L | 120 |
| Water tank, capacity | L | 700 |

Sound level

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

EQUIPMENT

Dashboard tiltable | Pressure water sprinkling system | ECO mode | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Tachograph | Bluetooth interface for Smart Doc | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | JDLINK | Working spotlights | Rotating beacon