

Technical data

HD+ 90i VV



Tandem rollers Series HD+
Tandem roller with two vibrating roller drums

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+ 90i VV (H303)

Weights

| | | |
|--|-------|-------------|
| Operating weight with cab | kg | 9460 |
| Operating weight with ROPS | kg | 9280 |
| Empty weight without cab, without ROPS | kg | 8470 |
| Max. operating weight | kg | 12110 |
| Axle load, front/rear | kg | 4785/4675 |
| Static linear load, front/rear | kg/cm | 28,48/27,83 |
| French classification, value/class | | 22,08/VT1 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total length | mm | 4900 |
| Total height with cab | mm | 2980 |
| Total height with ROPS | mm | 3030 |
| Height loading, min. | mm | 2150 |
| Centre distance | mm | 3700 |
| Total width with cab | mm | 1800 |
| Maximum working width | mm | 1850 |
| Ground clearance, centre | mm | 340 |
| Kerb clearance, left/right | mm | 800/800 |
| Turning radius, inside | mm | 6050 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 1680/1680 |
| Drum diameter, front/rear | mm | 1200/1200 |
| Drum thickness, front/rear | mm | 17/17 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

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 - 10,4 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 41/46 |

Vibration

| | | |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 42/50 |
| Vibration frequency, rear, I/II | Hz | 42/50 |
| Amplitude, front, I/II | mm | 0,65/0,35 |
| Amplitude, rear, I/II | mm | 0,65/0,35 |
| Centrifugal force, front, I/II | kN | 80/60 |
| Centrifugal force, rear, I/II | kN | 80/60 |

Steering

| | | |
|-----------------|---|----------------------|
| Swing 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 |

Sound level

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

EQUIPMENT

Folding scraper | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed preselect | Vibration-isolated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet | Steering column with tilttable dashboard

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Tachograph | Bluetooth interface for Smart Doc | | Smart Compact | Weather station | | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | JDLINK | Working spotlights | Drum edge lighting | Coming Home function