

Technical data

HD 138i VV



Tandem rollers Series HD

Tandem roller with two vibrating roller drums

H261

HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Simple, intuitive and language-neutral operation
- > Excellent view of the machine and the construction site

TECHNICAL DATA HD 138i VV (H261)

Weights

| | | |
|--|-------|-----------|
| Operating weight with cab | kg | 13430 |
| Max. operating weight | kg | 14270 |
| Axle load, front/rear | kg | 6960/6470 |
| Axle load at max. operating weight, front/rear | kg | 7360/6910 |
| Static linear load, front/rear | kg/cm | 32,5/30,2 |

Machine dimensions

| | | |
|---|----|---------|
| Total length | mm | 5300 |
| Total height with cab | mm | 2983 |
| Total height with plastic protective roof | mm | 3033 |
| Height loading, min. | mm | 2585 |
| Centre distance | mm | 3895 |
| Total width with cab | mm | 2267 |
| Maximum working width | mm | 2310 |
| Ground clearance, centre | mm | 347 |
| Kerb clearance, left/right | mm | 833/833 |
| Turning radius, inside | mm | 5980 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 2140/2140 |
| Drum diameter, front/rear | mm | 1400/1400 |
| Drum thickness, front/rear | mm | 19/19 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Diesel engine

| | | |
|-----------------------------|--|--------------|
| Manufacturer | | CUMMINS |
| Model | | F4.5CS4168 |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 125/170/2200 |
| Power SAE J1349, kW/HP/rpm | | 125/168/2200 |
| Exhaust emission standard | | MEE IV |
| Exhaust gas after-treatment | | DOC-DPF |

Travel drive

| | | |
|--------------------------------------|------|------------|
| Speed, working gear | km/h | 0-6,0 |
| Speed, transport gear | km/h | 0-12,0 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 35/39 |

Vibration

| | | |
|--|----|-------------|
| Vibration frequency, front, level I/II | Hz | 43/60 |
| Vibration frequency, rear, level I/II | Hz | 43/60 |
| Amplitude, front, level I/II | mm | 0,62/0,24 |
| Amplitude, rear, level I/II | mm | 0,62/0,24 |
| Centrifugal force, front, level I/II | kN | 145,5/113,7 |
| Centrifugal force, rear, level I/II | kN | 145,5/113,7 |

Steering

| | | |
|--------------------|---|----|
| Steering angle +/- | ° | 30 |
|--------------------|---|----|

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|----------------------|---|------|
| Fuel tank, capacity | L | 240 |
| Water tank, capacity | L | 1145 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | |
| Sound power level L(WA), representative measurement | db(A) | 110 |

EQUIPMENT

2 water pumps | Scrapers foldable | Dashboard with displays, indicator lights and switches | Dashboard tiltable | Spring-mounted driver's seat with armrests and seat belt | HAMMTRONIC – electronic machine management | Seat operating unit, adjustable sideways and rotatable | Track offset | Compaction parameters adjustable per axle | 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 and air-conditioning system | Frequency control | Track offset display | Camera system | Back-up alarm | Working spotlights | Drum edge lighting | Battery isolation switch | Locking device | Tool kit