

Technical data

HD 118i VT



Tandem rollers Series HD

Tandem roller with vibrating roller drum and set of wheels

H298

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
- > Hammtronic for high comfort, safety and reduced emissions
- > Simple, intuitive and language-neutral operation

TECHNICAL DATA HD 118i VT (H298)

Weights

| | | |
|--|-------|-----------|
| Operating weight with cab | kg | 10010 |
| Operating weight with ROPS | kg | 9790 |
| Empty weight without cab, without ROPS | kg | 8955 |
| Max. operating weight | kg | 10670 |
| Axle load, front/rear | kg | 5300/4710 |
| Static linear load, front | kg/cm | 31,6 |
| French classification, value/class | | 28,5/VX2 |
| Wheel load per tyre, rear | kg | 1177,5 |

Machine dimensions

| | | |
|---|----|---------|
| Total length | mm | 4900 |
| Total height with cab | mm | 3010 |
| Total height with ROPS | mm | 3099 |
| Total height with plastic protective roof | mm | 3020 |
| Height loading, min. | mm | 2226 |
| Centre distance | mm | 3700 |
| Total width with cab | mm | 1807 |
| Maximum working width | mm | 1820 |
| Ground clearance, centre | mm | 340 |
| Kerb clearance, left/right | mm | 800/800 |
| Turning radius, inside | mm | 6050 |

Drum dimensions

| | | |
|--------------------------|----|------------------|
| Drum width, front | mm | 1680 |
| Drum diameter, front | mm | 1200 |
| Drum thickness, front | mm | 22 |
| Drum type, front | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Tyre dimensions

| | | |
|------------------------|----|----------|
| Tyre size, rear | | 11.00-20 |
| Width over tyres, rear | mm | 1620 |
| Number of tyres, rear | | 4 |

Diesel engine

| | | |
|-----------------------------------|--|--------------|
| Manufacturer | | CUMMINS |
| Model | | B3.9CS4 130C |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 96/131/2500 |
| Power SAE J1349, kW/HP/rpm | | 96/129/2500 |
| Exhaust emission standard | | MEE IV |
| Exhaust emissions category, China | | MEE IV |
| Exhaust gas after-treatment | | DOC-DPF |

Travel drive

| | | |
|--------------------------------------|------|------------|
| Speed, infinitely variable | km/h | 0 - 11,0 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 32/42 |

Vibration

| | | |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 42/50 |
| Amplitude, front, level I/II | mm | 0,86/0,49 |

Vibration

| | | |
|--------------------------------------|----|--------|
| Centrifugal force, front, level I/II | kN | 120/99 |
|--------------------------------------|----|--------|

Steering

| | | |
|--------------------|---|----------------------|
| Steering angle +/- | ° | 30 |
| Pendulum angle +/- | ° | 10 |
| Steering, type | | Articulated steering |

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|-------------------------|---|-----|
| Fuel tank, capacity | L | 173 |
| Water tank, capacity | L | 760 |
| Additive tank, capacity | L | 22 |

Sound level

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

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Scrapers foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Speed preselect | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Water-sprinkling system with spray bars front and rear | Track offset, hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tyres, rear

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting equipment | | Automatic environment detection | GPS system for position-fixing | Working spotlights | Drum edge lighting