

Technical data

HD+ 120 VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H259

HIGHLIGHTS

- > Excellent view of the machine and the construction site
- > Simple, intuitive and language-neutral operation
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation
- > Seat operating unit can be moved and rotated

TECHNICAL DATA HD+ 120 VO (H259)

Weights

| | | |
|------------------------------------|-------|-----------|
| Operating weight with cab | kg | 12740 |
| Operating weight with ROPS | kg | 12500 |
| Maximum operating weight | kg | 13490 |
| Static linear load, front/rear | kg/cm | 32,0/32,3 |
| French classification, value/class | | 31,0/VT2 |

Machine dimensions

| | | |
|----------------------------|----|---------|
| Total height with cab | mm | 3050 |
| Height loading, min. | mm | 2185 |
| Centre distance | mm | 3600 |
| Total width with cab | mm | 2145 |
| Maximum working width | mm | 2150 |
| Kerb clearance, left/right | mm | 880/880 |
| Turning radius, inside | mm | 5285 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 1980/1980 |
| Drum diameter, front/rear | mm | 1400/1400 |
| Drum thickness, front/rear | mm | 19/20 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm | 170 |

Diesel engine

| | | |
|----------------------------|--|----------------------------|
| Manufacturer | | DEUTZ |
| Model | | TCD 2012 L04 2V |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 100,0/136,0/2300 |
| Power SAE J1349, kW/HP/rpm | | 100,0/134,0/2300 |
| Exhaust emission standard | | EU Stage IIIA / EPA Tier 3 |

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 | % | 30/35 |

Vibration

| | | |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 40/50 |
| Amplitude, front, I/II | mm | 0,88/0,35 |
| Centrifugal force, front, I/II | kN | 159/95 |

Oscillation

| | | |
|-----------------------------|----|------|
| Oscillation force, rear | kN | 170 |
| Oscillation frequency, rear | Hz | 36 |
| Tangential amplitude, rear | mm | 1,25 |

Steering

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

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|----------------------|---|------|
| Fuel tank, capacity | L | 180 |
| Water tank, capacity | L | 1160 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 108 |
| Sound power level L(WA), representative measurement | db(A) | 106 |

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

Air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat belt monitoring device | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Protective roof | Edge pressing and cutting equipment | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm | Telematics system | Working spotlights | Rotating beacon