

Technical data

HD 138i VO



Tandem rollers Series HD

Tandem roller with vibration and oscillation drum

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 VO (H261)

Weights

Operating weight with cab	kg	13155
Max. operating weight	kg	14000
Axle load, front/rear	kg	6960/6195
Axle load at max. operating weight, front/rear	kg	7360/6640
Static linear load, front/rear	kg/cm	32,5/28,9

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
Amplitude, front, level I/II	mm	0,62/0,24
Centrifugal force, front, level I/II	kN	145,5/113,7

Oscillation

Oscillation force, rear	kN	170,5
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,10

Steering

Steering angle +/-	°	30
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Steering

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

Water-sprinkling system

Water sprinkling, type		Pressure
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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