HAMM

Technical data

HD 138 VO



Tandem rollers Series HD
Tandem roller with vibration and oscillation drum

H338

HIGHLIGHTS

> 3-point articulation for even weight distribution and good straight-line tracking
> 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
> Compaction with oscillation
> Simple, intuitive and language-neutral operation

TECHNICAL DATA HD 138 VO (H338)

Weights		
Operating weight with cab	kg	13340
Operating weight with ROPS	kg	12990
Empty weight without cab, without ROPS	kg	11925
Max. operating weight	kg	14230
Axle load, front/rear	kg	6925/6415
Axle load at max. operating weight, front/rear	kg	7350/6880
Static linear load, front/rear	kg/cm	32,8/30,0
French classification, value/class		26,3/VT1
Machine dimensions		
Total length	mm	5344
Total height with cab	mm	2999
Total height with ROPS	mm	3045
Height loading, min.	mm	2314
Centre distance	mm	3900
Total width with cab	mm	2267
Maximum working width	mm	2310
Ground clearance, centre	mm	351
Kerb clearance, left/right	mm	839/839
Turning radius, inside	mm	6032
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		B3.9CS4 150C
Cylinders, quantity		4
	kW/rpm	118/2200
Exhaust emissions category, China		MEE 4
Exhaust gas after-treatment		DOC-DPF
Travel drive		
Speed, infinitely variable	km/h	9,7
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	0,64/0,26
Centrifugal force, front, level I/II	kN	150,4/119,4
Oscillation		
Oscillation force, rear	kN	170,5
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,10

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	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)	

EQUIPMENT

2 water pumps | Scraper 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 | Steering column with comfort exit and tiltable dashboard | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting device | Interface for collision avoidance system (CAS) | Back-up alarm | GPS system for position-fixing | Working spotlights | Drum edge lighting

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