HAMM

Technical data

HD 138 VO



Tandem rollers Series HD | **H338**

Tandem roller with vibration and oscillation drum

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 starting and driving away and compacting at curbsides
> Compaction with oscillation
> Simple, intuitive and language-neutral control

TECHNICAL DATA HD 138 VO (H338)

Weights		
Operating weight with cab	kg lbs	13340 29,415
Operating weight with ROPS	kg lbs	12990 28,643
Empty weight without cab, without ROPS	kg lbs	11925 26,295
Max. operating weight	kg lbs	14230 31,377
Axle load, front/rear	kg lbs	6925/6415 15,270/14,145
Axle load at max. operating weight, front/rear	kg lbs	7350/6880 16,207/15,170
Static linear load, front/rear	kg/cm lbs/in	32,8/30,0 183.7/168.0
French classification, value/class		26,3/VT1
Machine dimensions		
Total length	mm in	5344 210.4
Total height with cab	mm in	2999 118.1
Total height with ROPS	mm in	3045 119.9
Height loading, min.	mm in	2314 91.1
Center distance	mm in	3900 153.5
Total width with cab	mm in	2267 89.3
Maximum working width	mm in	2310 90.9
Ground clearance, center	mm in	351 13.8
Curb clearance, left/right	mm in	839/839 33.0/33.0
Turning radius, inside	mm in	6032 237.5
Drum dimensions		
Drum width, front/rear	mm in	2140/2140 84.3/84.3
Drum diameter, front/rear	mm in	1400/1400 55.1/55.1
Drum thickness, front/rear	mm in	19/19 0.7/0.7
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	170 6.7
Diesel engine		
Manufacturer		CUMMINS
Model		B3.9CS4 150C
Cylinders, quantity		4
	kW/rpm	118/2200

Diesel engine		
Exhaust emissions category, China		MEE 4
Exhaust gas after-treatment		DOC-DPF
Travel drive		
Speed, infinitely variable	km/h mph	9,7 6.0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	35/39
Vibration		
Vibration frequency, front, level I/II	Hz vpm	43/60 2,580/3,600
Amplitude, front, level I/II	mm in	0,64/0,26 .025/.010
Centrifugal force, front, level I/II	kN lbs	150,4/119,4 33,840/26,865
Oscillation		
Oscillation force, rear	kN lbs	170,5 38,362
Oscillation frequency, rear	Hz vpm	36 2,160
Tangential amplitude, rear	mm in	1,10 .043
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 Gal	240 63.4
Water tank, capacity	L Gal	1145 302.5
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

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