

Technical data

HD 118i VO



Tandem rollers Series HD

Tandem roller with vibration and oscillation drum

H298

HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent directional stability
- > 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
- > Hammtronic for high comfort, safety and reduced emissions
- > Simple, intuitive and language-neutral control

TECHNICAL DATA HD 118i VO (H298)

Weights

Operating weight with cab	kg lbs	10670 23,527
Operating weight with ROPS	kg lbs	10450 23,042
Empty weight without cab, without ROPS	kg lbs	9625 21,223
Max. operating weight	kg lbs	11320 24,961
Axle load, front/rear	kg lbs	5300/5370 11,686/11,841
Static linear load, front/rear	kg/cm lbs/in	31,55/31,58 176.7/176.8
French classification, value/class		28,8/VT2

Machine dimensions

Total length	mm in	4900 192.9
Total height with cab	mm in	2980 117.3
Total height with ROPS	mm in	3099 122.0
Total height with plastic protective roof	mm in	2990 117.7
Height loading, min.	mm in	2606 102.6
Center distance	mm in	3700 145.7
Total width with cab	mm in	1807 71.1
Maximum working width	mm in	1850 72.8
Ground clearance, center	mm in	340 13.4
Curb clearance, left/right	mm in	800/800 31.5/31.5
Turning radius, inside	mm in	6050 238.2

Drum dimensions

Drum width, front/rear	mm in	1680/1680 66.1/66.1
Drum diameter, front/rear	mm in	1200/1200 47.2/47.2
Drum thickness, front/rear	mm in	22/20 0.9/0.8
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 130C
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		96/131/2500

Diesel engine

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 mph	0 - 11,0 0.0 - 6.8
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	36/41

Vibration

Vibration frequency, front, level I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, level I/II	mm in	0,86/0,49 .034/.019
Centrifugal force, front, level I/II	kN lbs	120/99 27,000/22,275

Oscillation

Oscillation force, rear, level I/II	kN lbs	131,66/95,95 29,624/21,589
Oscillation frequency, rear, level I/II	Hz vpm	41/35 2,460/2,100
Tangential amplitude, rear	mm in	1,25 .049

Steering

Steering angle +/-	°	30
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 Gal	173 45.7
Water tank, capacity	L Gal	760 200.8

Sound level

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

EQUIPMENT