

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 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
- > Hammtronic for high comfort, safety and reduced emissions
- > Simple, intuitive and language-neutral operation

TECHNICAL DATA HD 118i VO (H298)

Weights

Operating weight with cab	kg	10670
Operating weight with ROPS	kg	10450
Empty weight without cab, without ROPS	kg	9625
Max. operating weight	kg	11320
Axle load, front/rear	kg	5300/5370
Static linear load, front/rear	kg/cm	31,55/31,58
French classification, value/class		28,8/VT2

Machine dimensions

Total length	mm	4900
Total height with cab	mm	2980
Total height with ROPS	mm	3099
Total height with plastic protective roof	mm	2990
Height loading, min.	mm	2606
Centre distance	mm	3700
Total width with cab	mm	1807
Maximum working width	mm	1850
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	800/800
Turning radius, inside	mm	6050

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1200/1200
Drum thickness, front/rear	mm	22/20
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 130C
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		96/131/2500
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	0 - 11,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	36/41

Vibration

Vibration frequency, front, level I/II	Hz	42/50
Amplitude, front, level I/II	mm	0,86/0,49
Centrifugal force, front, level I/II	kN	120/99

Oscillation

Oscillation force, rear, level I/II	kN	131,66/95,95
-------------------------------------	----	--------------

Oscillation

Oscillation frequency, rear, level I/II	Hz	41/35
Tangential amplitude, rear	mm	1,25

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	173
Water tank, capacity	L	760

Sound level

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

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Scrapers foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Speed preselect | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Water-sprinkling system with spray bars front and rear | Track offset, hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tyres, rear

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 equipment | | Automatic environment detection | GPS system for position-fixing | Working spotlights | Drum edge lighting