

Technical data

# HD 98i 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 98i VO (H298)**

**Weights**

Operating weight with cab	kg	9730
Operating weight with ROPS	kg	9510
Empty weight without cab, without ROPS	kg	8685
Max. operating weight	kg	10380
Axle load, front/rear	kg	4800/4930
Static linear load, front/rear	kg/cm	28,57/29,35
French classification, value/class		22,3/VT1

**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	17/20
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	%	40/45

**Vibration**

Vibration frequency, front, level I/II	Hz	42/50
Amplitude, front, level I/II	mm	0,62/0,34
Centrifugal force, front, level I/II	kN	75,5/59,6

**Oscillation**

Oscillation force, rear, level I/II	kN	132/96
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**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
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**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