

Technical data

# HD 118i VT



## Tandem rollers Series HD

Tandem roller with vibrating roller drum and set of wheels

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 VT (H298)**

**Weights**

Operating weight with cab	kg lbs	10010 22,072
Operating weight with ROPS	kg lbs	9790 21,587
Empty weight without cab, without ROPS	kg lbs	8955 19,746
Max. operating weight	kg lbs	10670 23,527
Axle load, front/rear	kg lbs	5300/4710 11,686/10,386
Static linear load, front	kg/cm lbs/in	31,6 177.0
French classification, value/class		28,5/VX2
Wheel load per tire, rear	kg lbs	1177,5 2,596

**Machine dimensions**

Total length	mm in	4900 192.9
Total height with cab	mm in	3010 118.5
Total height with ROPS	mm in	3099 122.0
Total height with plastic protective roof	mm in	3020 118.9
Height loading, min.	mm in	2226 87.6
Center distance	mm in	3700 145.7
Total width with cab	mm in	1807 71.1
Maximum working width	mm in	1820 71.7
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	mm in	1680 66.1
Drum diameter, front	mm in	1200 47.2
Drum thickness, front	mm in	22 0.9
Drum type, front		Smooth/non-split
Track offset, left/right	mm in	170 6.7

**Tire dimensions**

Tire size, rear		11.00-20
Width over tires, rear	mm in	1620 63.8
Number of tires, rear		4

**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 mph	0 - 11,0 0.0 - 6.8
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	32/42

**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

**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
Additive tank, capacity	L Gal	22 5.8

**Sound level**

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

**EQUIPMENT**