

Technical data

HD 99 VV



Tandem rollers Series HD

Tandem roller with two vibrating roller drums

H218

HIGHLIGHTS

- > Excellent view of the machine and the construction site
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Intelligent water sprinkler system
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Simple, intuitive and language-neutral operation

TECHNICAL DATA HD 99 VV (H218)

Weights

Operating weight with sunroof	kg	9170
Operating weight, max.	kg	9800
Static linear load, front/rear	kg/cm	27,7/26,9
French classific., data/class		22,5/VT1

Machine dimensions

Total length	mm	4600
Total height	mm	3050
Height loading, min.	mm	2660
Wheel base	mm	3400
Total width	mm	1810
Max. working width	mm	1780
Kerb clearance, left/right	mm	710/710
Turning radius, inside	mm	3961

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1200/1200
Drum thickness, front/rear	mm	17/17
Drum type, front		smooth
Drum type, rear		smooth
Track offset, left/right	mm	100

Diesel engine

Manufacturer		CUMMINS
Version		4BT AA 3.9
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		74/100/2200
Power rating SAE J1349, kW/HP/rpm		74/99/2200
Emission standard		CEV Stage III

Drive

Speed, working gear	km/h	0-7
Speed, transportation gear	km/h	0-14
Climbing ability, vibration on/off	%	30/40

Vibration

Vibration frequency, front, I/II	Hz	42/50
Vibration frequency, rear, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,66/0,37
Amplitude, rear, I/II	mm	0,66/0,37
Centrifugal force, front, I/II	kN	75/60
Centrifugal force, rear, I/II	kN	75/60

Steering

Oscillation angle +/-	°	10
Steering, type		Articulated steering

Sprinkler system

Water sprinkler, type		Pressure
-----------------------	--	----------

Tank capacity/Fill capacity

Fuel tank, capacity	L	170
Water tank, capacity	L	700

Sound level

Sound power level L(WA), guaranteed	db(A)	
Acoustic power LW(A), measured	db(A)	110

EQUIPMENT

Handrails | Operator's platform with entry from both sides | Seat-operating unit, rotatable | 1 drive lever | Amplitude switchable: large/small | Vibration front and rear, switchable single and doubled | Battery isolation switch | Water level display | Safety belt with belt retractor

OPTIONAL EQUIPMENT

Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Telematics interface | Version with additional fuel prefilter