

Technical data

HD 90 P VV



Tandem rollers Series HD

Tandem roller with two vibration drums

H296

HIGHLIGHTS

- > 3-point articulation for even weight distribution and good straight-line tracking
- > 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
- > Simple, intuitive and language-neutral operation
- > Good visibility of machine and jobsite

TECHNICAL DATA HD 90 P VV (H296)

Weights

Operating weight with cab	kg	9515
Operating weight with ROPS	kg	9295
Empty weight without cab, without ROPS	kg	8470
Max. operating weight	kg	10160
Axle load, front/rear	kg	4770/4745
Static linear load, front/rear	kg/cm	28,39/28,24
French classification, value/class		21,91/VT1

Machine dimensions

Total length	mm	4954
Total height with cab	mm	2972
Total height with ROPS	mm	3097
Total height with plastic protective roof	mm	3061
Height loading, min.	mm	2614
Centre distance	mm	3698
Total width with cab	mm	1807
Maximum working width	mm	1850
Ground clearance, centre	mm	337
Kerb clearance, left/right	mm	790/790
Turning radius, inside	mm	5876

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/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170

Diesel engine

Manufacturer		CUMMINS
Model		QSB3.9-C130-32
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		97/132/2500
Power SAE J1349, kW/HP/rpm		97/130/2500
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust emissions category, Brazil		MAR 1
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h	0 - 14,1
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	44/49

Vibration

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

Vibration

Centrifugal force, rear, level I/II	kN	75,5/59,6
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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 | Scraper foldable | Driver's platform with access from both sides | Speed-controlled water sprinkling | Automatic traction control and anti-slip control | 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 | Compaction meter | Back-up alarm | Working spotlights | Fuel prefilter | Tool kit