A WIRTGEN GROUP COMPANY

HAMM

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 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
> Simple, intuitive and language-neutral operation
> Excellent view of the machine and the construction site

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-I
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
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 | Scraper 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 | Compaction meter | Back-up alarm | John Deere Operations Center | Working spotlights | Fuel prefilter | Tool kit