

Technical data

HD+ 90i VV-S



Tandem rollers Series HD+
Tandem roller with two vibration drums

H303

HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Innovative cabin concept for optimal visibility and high comfort
- > Seat operating unit can be moved and rotated
- > Digital ready

TECHNICAL DATA HD+ 90i VV-S (H303)

Weights

Operating weight with cab	kg	9980
Operating weight with ROPS	kg	9800
Empty weight without cab, without ROPS	kg	8990
Max. operating weight	kg	12630
Axle load, front/rear	kg	5045/4935
Static linear load, front/rear	kg/cm	30,03/29,38
French classification, value/class		22,97/VT1

Machine dimensions

Total length	mm	4900
Total height with cab	mm	2980
Total height with ROPS	mm	3030
Height loading, min.	mm	2150
Centre distance	mm	3700
Total width with cab	mm	1800
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	17/17
Drum type, front		Smooth/split
Drum type, rear		Smooth/split
Track offset, left/right	mm	170

Diesel engine

Manufacturer		DEUTZ
Model		TCD 3.6 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		85,0/115,6/2300
Power SAE J1349, kW/HP/rpm		85,0/113,9/2300
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF-SCR

Travel drive

Speed, infinitely variable	km/h	0 - 10,6
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	38/42

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	0,60/0,40
Amplitude, rear, level I/II	mm	0,60/0,40

Vibration

Centrifugal force, front, level I/II	kN	85/80
Centrifugal force, rear, level I/II	kN	85/80

Steering

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
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	760

Sound level

Sound power level L(WA), guaranteed	db(A)	107
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

Scraper foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Vibration-isolated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet | Steering column with tiltable dashboard

OPTIONAL EQUIPMENT

Tachograph | Smart Receiver | Smart Compact | Smart Compact Pro | Weather station | Smart Display | Edge pressing and cutting device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Working spotlights | Coming Home function | Drum edge lighting