

Technical data

# HD+ 110i VV



## Tandem rollers Series HD+

Tandem roller with two vibrating roller drums

H303

### HIGHLIGHTS

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

**TECHNICAL DATA HD+ 110i VV (H303)**

**Weights**

Operating weight with cab	kg lbs	10400 22,932
Operating weight with ROPS	kg lbs	10220 22,535
Empty weight without cab, without ROPS	kg lbs	9410 20,749
Max. operating weight	kg lbs	13050 28,775
Axle load, front/rear	kg lbs	5285/5115 11,653/11,279
Static linear load, front/rear	kg/cm lbs/in	31,46/30,45 176.2/170.5
French classification, value/class		28,69/VT2

**Machine dimensions**

Total length	mm in	4900 192.9
Total height with cab	mm in	2980 117.3
Total height with ROPS	mm in	3030 119.3
Height loading, min.	mm in	2150 84.6
Center distance	mm in	3700 145.7
Total width with cab	mm in	1800 70.9
Maximum working width	mm in	1850 72.8
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/rear	mm in	1680/1680 66.1/66.1
Drum diameter, front/rear	mm in	1200/1200 47.2/47.2
Drum thickness, front/rear	mm in	22/22 0.9/0.9
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	170 6.7

**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 emission standard		EU Stage V / EPA Tier 4

**Diesel engine**

Exhaust gas after-treatment		DOC-DPF-SCR
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**Travel drive**

Speed, infinitely variable	km/h mph	0 - 10,4 0.0 - 6.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	37/41

**Vibration**

Vibration frequency, front, level I/II	Hz vpm	42/50 2,520/3,000
Vibration frequency, rear, level I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, level I/II	mm in	0,90/0,50 .035/.020
Amplitude, rear, level I/II	mm in	0,90/0,50 .035/.020
Centrifugal force, front, level I/II	kN lbs	120/100 27,000/22,500
Centrifugal force, rear, level I/II	kN lbs	120/100 27,000/22,500

**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 Gal	173 45.7
AdBlue/SCR reducing agent tank, capacity	L Gal	20 5.3
Water tank, capacity	L Gal	760 200.8

**Sound level**

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

**EQUIPMENT**

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

**OPTIONAL EQUIPMENT**