

Technical data

# HD+ 140i VV-HF



**Tandem rollers Series HD+**

Tandem roller with two vibrating roller drums

**H274**

**HIGHLIGHTS**

- > 3-point articulation for even weight distribution and excellent directional stability
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > Track offset for comfortable starting and driving away and compacting at curbsides

**TECHNICAL DATA HD+ 140i VV-HF (H274)**

**Weights**

Operating weight with cab	kg lbs	13385 29,514
Operating weight with ROPS	kg lbs	13145 28,985
Max. operating weight	kg lbs	14200 31,311
Static linear load, front/rear	kg/cm lbs/in	31,3/31,2 175.3/174.7
French classification, value/class		24,3/VT1

**Machine dimensions**

Total length	mm in	5300 208.7
Total height with cab	mm in	2980 117.3
Total height with ROPS	mm in	3030 119.3
Height loading, min.	mm in	2140 84.3
Center distance	mm in	3900 153.5
Total width with cab	mm in	2260 89.0
Maximum working width	mm in	2310 90.9
Ground clearance, center	mm in	340 13.4
Curb clearance, left/right	mm in	900/900 35.4/35.4
Turning radius, inside	mm in	6200 244.1

**Drum dimensions**

Drum width, front/rear	mm in	2140/2140 84.3/84.3
Drum diameter, front/rear	mm in	1400/1400 55.1/55.1
Drum thickness, front/rear	mm in	19/19 0.7/0.7
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 4.1 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		115,0/156,4/2300
Power SAE J1349, kW/HP/rpm		115,0/154,1/2300
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR

**Travel drive**

Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	39/39

**Vibration**

Vibration frequency, front, I/II	Hz vpm	45/67 2,700/4,020
Vibration frequency, rear, I/II	Hz vpm	45/67 2,700/4,020
Amplitude, front, I/II	mm in	0,61/0,18 .024/.007
Amplitude, rear, I/II	mm in	0,61/0,18 .024/.007
Centrifugal force, front, I/II	kN lbs	159,4/103,5 35,865/23,288
Centrifugal force, rear, I/II	kN lbs	159,4/103,5 35,865/23,288

**Steering**

Swing 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	260 68.7
AdBlue/SCR reducing agent tank, capacity	L Gal	20 5.3
Water tank, capacity	L Gal	1145 302.5

**Sound level**

Sound power level L(WA), representative measurement	db(A)	110
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**EQUIPMENT**

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Vibration-isolated driver's platform | Track offset, hydraulic | Water-sprinkling system with spray bars front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

**OPTIONAL EQUIPMENT**

Heating and air conditioning | Tachograph | Bluetooth interface for Smart Doc | Dashboard cover | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm | Telematics interface | Working light | Rotating beacon | Coming home lighting | Locking device