

Technical data

HD+ 140i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H274

HIGHLIGHTS

- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation
- > Excellent view of the machine and the construction site
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic

TECHNICAL DATA HD+ 140i VO (H274)

Weights

Operating weight with cab	kg	13185
Operating weight with ROPS	kg	12945
Max. operating weight	kg	14000
Static linear load, front/rear	kg/cm	30,4/30,4
French classification, value/class		28,37/VT2

Machine dimensions

Total length	mm	5300
Total height with cab	mm	2980
Total height with ROPS	mm	3030
Height loading, min.	mm	2140
Centre distance	mm	3900
Total width with cab	mm	2260
Maximum working width	mm	2310
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	900/900
Turning radius, inside	mm	6200

Drum dimensions

Drum width, front/rear	mm	2140/2140
Drum diameter, front/rear	mm	1400/1400
Drum thickness, front/rear	mm	19/20
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170

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

Speed, infinitely variable	km/h	0-10,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	39/39

Vibration

Vibration frequency, front, I/II	Hz	40/50
Amplitude, front, I/II	mm	0,9/0,33
Centrifugal force, front, I/II	kN	158,7/93,2

Oscillation

Oscillation force, rear	kN	170,5
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,25

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	260
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	1145

Sound level

Sound power level L(WA), guaranteed	db(A)	109
Sound power level L(WA), representative measurement	db(A)	107

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 (reversing) | Telematics interface | Working lights | Rotating beacon | Coming home lighting | Locking device