

Technical data

HD+ 80i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H186

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Seat-operating unit can be moved and rotated
- > Compaction with oscillation
- > Excellent view of machine and construction site

TECHNICAL DATA HD+ 80i VO (H186)

Weights

Operating weight with cab	kg lbs	7790 17,177
Operating weight with ROPS	kg lbs	7620 16,802
Max. operating weight	kg lbs	10240 22,579
Static linear load, front/rear	kg/cm lbs/in	23,4/23,0 131.0/128.8
French classification, value/class		18,3/VT1

Machine dimensions

Total length	mm in	4480 176.4
Total height with cab	mm in	2890 113.8
Total height with ROPS	mm in	2970 116.9
Height loading, min.	mm in	2080 81.9
Center distance	mm in	3340 131.5
Total width with cab	mm in	1800 70.9
Maximum working width	mm in	1815 71.5
Ground clearance, center	mm in	340 13.4
Curb clearance, left/right	mm in	750/750 29.5/29.5
Turning radius, inside	mm in	4140 163.0

Drum dimensions

Drum width, front/rear	mm in	1680/1680 66.1/66.1
Drum diameter, front/rear	mm in	1140/1140 44.9/44.9
Drum thickness, front/rear	mm in	17/20 0.7/0.8
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	135 5.3

Diesel engine

Manufacturer		DEUTZ
Model		TCD 2.9 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		55,4/75,3/2500
Power SAE J1349, kW/HP/rpm		55,4/74,2/2500
Exhaust emission standard		EU Stage IIIB / EPA Tier 4
Exhaust gas after-treatment		DOC

Travel drive

Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, I/II	Hz vpm	48/58 2,880/3,480
Amplitude, front, I/II	mm in	0,61/0,33 .024/.013
Centrifugal force, front, I/II	kN lbs	87/69 19,575/15,525

Oscillation

Oscillation force, rear, I/II	kN lbs	92/128 20,700/28,800
Oscillation frequency, rear, I/II	Hz vpm	33/40 1,980/2,400
Tangential amplitude, rear, I/II	mm in	1,25/1,25 .049/.049

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	120 31.7
Water tank, capacity	L Gal	700 184.9

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

Heating | Steering column with comfort exit and tiltable dashboard | Additional drive lever, left | | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm | Telematics interface | Working light | Rotating beacon filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

OPTIONAL EQUIPMENT