

Technical data

HD+ 80i VO-S



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H186

HIGHLIGHTS

- > Seat operating unit can be moved and rotated
- > Excellent view of the machine and the construction site
- > Simple, intuitive and language-neutral operation
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

TECHNICAL DATA HD+ 80i VO-S (H186)

Weights

Operating weight with cab	kg	7950
Operating weight with ROPS	kg	7780
Max. operating weight	kg	10400
Static linear load, front/rear	kg/cm	24,3/23,0
French classification, value/class		17,5/VT0

Machine dimensions

Total length	mm	4480
Total height with cab	mm	2890
Total height with ROPS	mm	2970
Height loading, min.	mm	2080
Centre distance	mm	3340
Total width with cab	mm	1800
Maximum working width	mm	1815
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	750/750
Turning radius, inside	mm	4140

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/20
Drum type, front		Smooth/split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	135

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, working gear	km/h	0-6,5
Speed, transport gear	km/h	0-9,5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,52/0,36
Centrifugal force, front, I/II	kN	63/63

Oscillation

Oscillation force, rear, I/II	kN	70/98
Oscillation frequency, rear, I/II	Hz	29/35
Tangential amplitude, rear, I/II	mm	1,25/1,25

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	120
Water tank, capacity	L	700

Sound level

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

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Vibration-insulated 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 | Steering column with comfort exit and tilttable 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 (reversing) | Telematics interface | Working lights | Rotating beacon