

Technical data

HD+ 80i VO-S



Tandem rollers Series HD+
Tandem roller with vibration and oscillation drum

H302

HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Innovative cabin concept for optimal visibility and high comfort
- > Compaction with oscillation
- > Digital ready

TECHNICAL DATA HD+ 80i VO-S (H302)

Weights

Operating weight with cab	kg	8125
Operating weight with ROPS	kg	7945
Empty weight without cab, without ROPS	kg	7230
Max. operating weight	kg	10730
Axle load, front/rear	kg	4080/4045
Static linear load, front/rear	kg/cm	24,27/24,06
French classification, value/class		17,54/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	17/19
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		55,4/75,3/2300
Power SAE J1349, kW/HP/rpm		55,4/74,2/2300
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Japan		
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h	0 - 9,9
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	39/43

Vibration

Vibration frequency, front, level I/II	Hz	42/50
Amplitude, front, level I/II	mm	0,55/0,40
Centrifugal force, front, level I/II	kN	65/65

Oscillation

Oscillation force, rear, level I/II	kN	85/125
Oscillation frequency, rear, level I/II	Hz	29/35
Tangential amplitude, rear, level I/II	mm	1,15/1,15

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	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

Dashboard tiltable | Pressure water sprinkling system | ECO mode | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

OPTIONAL EQUIPMENT

ROPS, rigid | Steering column with comfort exit and tiltable dashboard | Protective roof | Tachograph | Bluetooth interface for Smart Doc | Smart Receiver | Edge pressing and cutting device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Working spotlights | Rotating beacon