

Technical data

HD 70



Tandem rollers Series HD

Tandem roller with two vibrating roller drums

H187

HIGHLIGHTS

- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Excellent view of the machine and the construction site
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and excellent on-centre feel

TECHNICAL DATA HD 70 (H187)

Weights

Operating weight with cab	kg	7260
Operating weight with ROPS	kg	6995
Maximum operating weight	kg	9700
Static linear load, front/rear	kg/cm	24,5/23,9
French classification, value/class		19,5/VT1

Machine dimensions

Total length	mm	4340
Total height with cab	mm	2940
Height loading, min.	mm	2260
Centre distance	mm	3200
Total width with cab	mm	1610
Maximum working width	mm	1600
Kerb clearance, left/right	mm	780/780
Turning radius, inside	mm	4174

Drum dimensions

Drum width, front/rear	mm	1500/1500
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/17
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	100

Diesel engine

Manufacturer		DEUTZ
Model		TD 2011 L04 W
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 IIIA / EPA Tier 3

Travel drive

Speed, working gear	km/h	0-6,3
Speed, transport gear	km/h	0-12,6
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, I/II	Hz	48/58
Vibration frequency, rear, I/II	Hz	48/58
Amplitude, front, I/II	mm	0,63/0,35
Amplitude, rear, I/II	mm	0,63/0,35
Centrifugal force, front, I/II	kN	77/63
Centrifugal force, rear, I/II	kN	77/63

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	140
Water tank, capacity	L	580

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	103

EQUIPMENT

2 drive levers | Switchable amplitude: Big/small | Left/right handrails | Lighting package for driving on public roads | Driver's platform with access from both sides | Speedometer | Seat operating unit, rotatable | Seat operating unit, rotatable, with armrests and seat belt | Vibration front and rear, single and double, switchable

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Protective roof | Edge pressing and cutting equipment | Engine rpm counter | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm | Working spotlights | Rotating beacon | Water tank cover, lockable