

Technical data

HD 075V



Tandem rollers Series HD

Tandem roller with vibration and oscillation drum

H187

HIGHLIGHTS

- > Excellent view of machine and construction site
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Simple, intuitive and language-neutral control
- > Compaction with oscillation
- > Track offset for comfortable starting and driving away and compacting at curbsides

TECHNICAL DATA HD O75V (H187)

Weights

Operating weight with cab	kg lbs	7960 17,552
Operating weight with ROPS	kg lbs	7695 16,967
Maximum operating weight	kg lbs	10400 22,932
Static linear load, front/rear	kg/cm lbs/in	23,1/24,3 129.4/136.1
French classification, value/class		17,4/VT0

Machine dimensions

Total length	mm in	4340 170.9
Total height with cab	mm in	2940 115.7
Height loading, min.	mm in	2260 89.0
Center distance	mm in	3200 126.0
Total width with cab	mm in	1790 70.5
Maximum working width	mm in	1780 70.1
Curb clearance, left/right	mm in	780/780 30.7/30.7
Turning radius, inside	mm in	4084 160.8

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	100 3.9

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 mph	0-6,3 0.0-3.9
Speed, transport gear	km/h mph	0-12,6 0.0-7.8
Gradeability, with/without vibration	%	25/30

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	77/63 17,325/14,175

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

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 Gal	140 37.0
Water tank, capacity	L Gal	580 153.2

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