

Technical data

HD+ 70i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H272

HIGHLIGHTS

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

TECHNICAL DATA HD+ 70i VO (H272)

Weights

Operating weight with cab	kg	7430
Operating weight with ROPS	kg	7260
Max. operating weight	kg	9880
Static linear load, front/rear	kg/cm	24,97/24,57
French classification, value/class		18,87/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	1790
Maximum working width	mm	1635
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	750/750
Turning radius, inside	mm	4230

Drum dimensions

Drum width, front/rear	mm	1500/1500
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/20
Drum type, front		Smooth/non-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 emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h	0 - 9,8
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	43/48

Vibration

Vibration frequency, front, I/II	Hz	48/58
Amplitude, front, I/II	mm	0,58/0,32
Centrifugal force, front, I/II	kN	76,8/62,7

Oscillation

Oscillation force, rear, I/II	kN	80/116
Oscillation frequency, rear, I/II	Hz	33/40
Tangential amplitude, rear, I/II	mm	1,25/1,25

Steering

Swing angle +/-	°	10
Steering, type		Articulated steering

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 | Automatic traction control and anti-slip control | 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 | Heating and air conditioning | Steering column with comfort exit and tilttable dashboard | Additional drive lever, left | Tachograph | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Working lights | Rotating beacon