

Technical data

HD+ 120 VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H259

HIGHLIGHTS

- > Excellent view of machine and construction site
- > Simple, intuitive and language-neutral control
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Compaction with oscillation
- > Seat-operating unit can be moved and rotated

TECHNICAL DATA HD+ 120 VO (H259)

Weights

Operating weight with cab	kg lbs	12740 28,092
Operating weight with ROPS	kg lbs	12500 27,562
Max. operating weight	kg lbs	13490 29,745
Static linear load, front/rear	kg/cm lbs/in	32,0/32,3 179.2/180.9
French classification, value/class		31,0/VT2

Machine dimensions

Total height with cab	mm in	3050 120.1
Height loading, min.	mm in	2185 86.0
Center distance	mm in	3600 141.7
Total width with cab	mm in	2145 84.4
Maximum working width	mm in	2150 84.6
Curb clearance, left/right	mm in	880/880 34.6/34.6
Turning radius, inside	mm in	5285 208.1

Drum dimensions

Drum width, front/rear	mm in	1980/1980 78.0/78.0
Drum diameter, front/rear	mm in	1400/1400 55.1/55.1
Drum thickness, front/rear	mm in	19/20 0.7/0.8
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	170 6.7

Diesel engine

Manufacturer		DEUTZ
Model		TCD 2012 L04 2V
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power SAE J1349, kW/HP/rpm		100,0/134,0/2300
Exhaust emission standard		EU Stage IIIA / EPA Tier 3

Travel drive

Speed, working gear	km/h mph	0-6,0 0.0-3.7
Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	30/35

Vibration

Vibration frequency, front, level I/II	Hz vpm	40/50 2,400/3,000
Amplitude, front, level I/II	mm in	0,88/0,35 .035/.014
Centrifugal force, front, level I/II	kN lbs	159/95 35,775/21,375

Oscillation

Oscillation force, rear	kN lbs	170 38,250
Oscillation frequency, rear	Hz vpm	36 2,160
Tangential amplitude, rear	mm in	1,25 .049

Steering

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

Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	180 47.6
Water tank, capacity	L Gal	1160 306.4

Sound level

Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	

EQUIPMENT

2 water pumps | Scrapers foldable | Dashboard with displays, indicator lights and switches | Dashboard tiltable | Spring-mounted driver's seat with armrests and seat belt | HAMMTRONIC – electronic machine management | Seat operating unit, adjustable sideways and rotatable | Track offset | Compaction parameters adjustable per axle | 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

Air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat belt monitoring device | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Protective roof | Edge pressing and cutting equipment | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm | Telematics system | Working spotlights | Rotating beacon