



Tandem rollers Series DV+

Γandem roller with vibrating roller drum and set of tires

H278

HIGHLIGHTS

- > Electronic machine management Hammtronic
- > Intelligent water sprinkler system
- > High compaction performance due to optimal setting of the compaction parameters
- > Large-space panorama cabin with free-view concept and free view of the drums and construction site
- > Operating concept Easy Drive

DV+ 90i VT-S | **TECHNICAL DATA**

TECHNICAL DATA DV+ 90i VT-S (H278)

Operating weight with cab kg 19,1740 (bs 25,887) Operating weight, max. kg 11,740 (bs 25,887) Static linear load, front lbs/in kg/cm 165.2 French classific, data/class 23,0/VX1 / 10,1/PLO Machine dimensions Total length mm 24440 (in 174.8 Total height with cab mm 2965 (in 16.7) Height, loading, min. mm 2172 (in 85.5) Wheelbase mm 1860 (in 128.0) Total width with cab mm 1860 (in 128.0) Max. working width in 120.1 Curb clearance, left/right mm 665/665 (in 120.1) Turning radius, inside in 120.1 Turning radius, inside in 18.1 Drum dimensions mm 1680 (in 18.1) Drum width, front in 3000 (in 18.1) Drum diameter, front mm 1200 (in 47.2) Drum thickness, front mm 17 (in 47.2) Drum type, front Smooth/split Track offset, left/right mm 1370 (in 47.2) Wheel dimensions Size of tires, rear 11.00-20 Width over tires, rear 1680 (in 1370 (in 1370 (in 1370 (in 1370 (in 1370 (in 1370 (in 1	Weights		
Static linear load, front Static linear load, front linear load, fr	Operating weight with cab		
Static linear load, front Ibs/in 165.2	Operating weight, max.		
Machine dimensions 23,0/VX1 / 10,1/PLO Machine dimensions mm 4440 174.8 Total length mm 2965 116.7 Height, loading, min. mm 2172 116.7 Height, loading, min. mm 3250 128.0 Wheelbase mm 3250 128.0 Total width with cab mm 1860 173.2 Max. working width mm 3050 120.1 Curb clearance, left/right mm 3050 120.1 Turning radius, inside mm 3000 18.1 Drum dimensions mm 1680 18.1 Drum diameter, front mm 1200 18.1 Drum diameter, front mm 1200 18.1 Drum type, front Smooth/split Track offset, left/right mm 1370 17.0 Drum type, front Smooth/split Track offset, left/right mm 1370 1370 1370 1370 1370 1370 1370 1370	Static linear load, front		
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Exhaust gas after-treatment DOC-DPF-SCR			74,4/99,7/2200
3	Emission standard		EU Stage V / EPA Tier 4
Drive	Exhaust gas after-treatment		DOC-DPF-SCR
	Drive		
Speed, infinitely variable km/h 0-11,0 mph 0.0-6.8	Speed, infinitely variable		

Drive		
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	40/45
Vibration		
Vibration frequency, front, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,61/0,40 .024/.016
Centrifugal force, front, I/II	kN lbs	84/78 18,900/17,550
Steering		
Oscillation angle +/-	0	4
Steering, type		All-wheel, analog
Sprinkler system		
Water sprinkler, type		Pressure
Tank capacity/Fill capacity		
Fuel tank, capacity	L Gal	160 42.3
AdBlue/DEF tank, content	L Gal	20 5.3
Water tank, capacity	L Gal	810 214.0
Additive tank, capacity	L Gal	30 7.9
Sound level		
Sound power level L(WA), guaranteed	db(A)	106
Acoustic power L(WA), measured	db(A)	104

EQUIPMENT

12 V outlets (double) | 2 large working and rear view mirrors | 2 water pumps | Foldable scraper | Operating concept Easy Drive | Lighting package as per road traffic regulations | Pressurized refilling of water tanks from below | ECO mode | Spring-mounted driver's seat with armrests and safety belt | Cup holder | Hammtronic—electronic machine management | Cabin floor window, front and rear | Seat-operating unit, can be moved and rotated laterally | Spray system with spray bar front and rear | Water filtering (triple) | Water tank front and rear, can be filled from both sides | Central water drain

OPTIONAL EQUIPMENT

Radio | HCQ navigator | Edge pressing and cutting equipment | Chip spreader | Anti-freeze injection | Central grease point | Automatic engine-off function | HAMM Temperature Meter (HTM) | Back-up alarm | Rotating beacon | Drum edge lighting | Coming home lighting

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