

DV+ 70i VO-S

Tandem roller with vibrating roller drum and oscillation drum

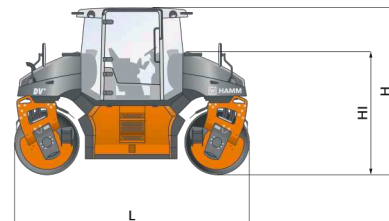
Tandem rollers Series DV+ / Series H277














HIGHLIGHTS DV+

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

Machine dimensions		
Total length (L)	mm • in	4140 • 163.0
Width (B)	mm • in	1603 • 63.1
Total height (H)	mm • in	2960 • 116.5
Drum width (X)	mm • in	1500/1500 • 59.1/59.1
Height, loading, min. (HI)	mm • in	2170 • 85.4



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	DV+ 70i VO-S
	Weights		
	Operating weight with cab	kg • lbs	7815 • 17,232
	Operating weight, max.	kg • lbs	10490 • 23,130
	Static linear load, front/rear	kg/cm • lbs/in	26,2/25,9 • 146.7/145.0
	French classific., data/class		20,5VT1
	Machine dimensions		
	Total length	mm • in	4140 • 163.0
	Total height with cab	mm • in	2960 • 116.5
	Height, loading, min.	mm • in	2170 • 85.4
	Wheelbase	mm • in	3000 • 118.1
	Total width with cab	mm • in	1680 • 66.1
	Max. working width	mm • in	2770 • 109.1
	Curb clearance, left/right	mm • in	610/610 • 24.0/24.0
	Turning radius, inside	mm • in	2800 • 110.2
	Drum dimensions		
	Drum width, front/rear	mm • in	1500/1500 • 59.1/59.1
	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/split
	Drum type, rear		Smooth/non-split
	Track offset, left/right	mm • in	1270 • 50.0
	Diesel engine		
	Manufacturer		KUBOTA
	Type		V3307-CR-T
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2200
	Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2200
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	Drive		
	Speed, infinitely variable	km/h • mph	0 - 11,0 • 0.0 - 6.8
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	35/40
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	42/50 • 2,520/3,000
	Amplitude, front, I/II	mm • in	0,61/0,42 • .024/.017
	Centrifugal force, front, I/II	kN • lbs	68/67 • 15,300/15,075
	Oscillation		
	Oscillation force, rear	kN • lbs	98 • 22,050
	Oscillation frequency, rear	Hz • vpm	36 • 2,160
	Tangential amplitude, rear	mm • in	1,25 • .049
	Steering		
	Oscillation angle +/-	°	4
	Steering, type		All-wheel, analog
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	148 • 39.1
	Water tank, capacity	L • Gal	740 • 195.5
	Sound level		
	Acoustic power LW(A), sticker	db(A)	104
	Acoustic power LW(A), measured	db(A)	102

EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, Foldable scraper, Operating concept Easy Drive, Pressurized refilling of water tanks from below, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Frequency control, Speed-controlled water sprinkling system, Speed preselect, Cabin floor window, front and rear, Vibration-isolated operator's platform, Track offset, hydraulic, Automatic vibration system, 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, CE conformity, ROPS with protective roof, metal, Mechanical adjustment of the seat operating unit, Working light

OPTIONAL EQUIPMENT

Heating and air conditioning, Multifunction armrest, right, foldable, Electrical adjustment of the seat operating unit, Safety belt monitoring device, Radio, HCC navigator, Fire extinguisher, Edge pressing and cutting equipment, Chip spreader, Anti-freeze injection, Central grease point, Bypass filter system, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Telematics interface, Rotating beacon, Mobile cooling box, Coming home lighting, Battery isolation switch, Water tank cover, lockable, Lamp protection, Additional mirror, Drum edge lighting, Drum lighting, Camera system

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