

Technical data

DV+ 70i VT-S



Tandem rollers Series DV+

Tandem roller with vibrating roller drum and set of tires

H277

HIGHLIGHTS

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

TECHNICAL DATA DV+ 70i VT-S (H277)

Weights		
Operating weight with cab	kg lbs	7595 16,747
Operating weight, max.	kg lbs	10280 22,667
Static linear load, front	kg/cm lbs/in	26,2 146.7
French classific., data/class		20,5,9,2/VX1.PLO
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	mm in	1500 59.1
Drum diameter, front	mm in	1140 44.9
Drum thickness, front	mm in	17 0.7
Drum type, front		Smooth/split
Track offset, left/right	mm in	1270 50.0
Wheel dimensions		
Size of tires, rear		11.00-20
Width over tires, rear	mm in	1490 58.7
Number of tires, rear		4
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

Drive		
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
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
Additive tank, capacity	L Gal	30 7.9
Sound level		
Sound power level L(WA), guaranteed	db(A)	104
Acoustic power L(WA), measured	db(A)	103

EQUIPMENT

Heating and air conditioning | Multifunction armrest, right, foldable | Electrical adjustment of the seat operating unit | Safety belt monitoring device | Radio | HCQ navigator | Fire extinguisher | Edge pressing and cutting equipment | Chip spreader | Thermal aprons | 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 operating unit | Working light

OPTIONAL EQUIPMENT