

Technical data

DV+ 70i VV-S



Tandem rollers Series DV+

Tandem roller with two vibrating roller drums

H277

HIGHLIGHTS

- > 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
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic

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

Weights

Operating weight with cab	kg lbs	7785 17,166
Operating weight, max.	kg lbs	10460 23,064
Static linear load, front/rear	kg/cm lbs/in	26,2/26,7 146.7/149.5
French classific., data/class		20,5/VT1

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	17/17 0.7/0.7
Drum type, front		Smooth/split
Drum type, rear		Smooth/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, rear, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,61/0,42 .024/.017
Amplitude, rear, I/II	mm in	0,61/0,42 .024/.017
Centrifugal force, front, I/II	kN lbs	68/67 15,300/15,075
Centrifugal force, rear, 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
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Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	148 39.1
Water tank, capacity	L Gal	740 195.5

Sound level

Sound power level L(WA), guaranteed	db(A)	104
Acoustic power L(WA), measured	db(A)	103

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 | HCQ 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