

Technical data

DV+ 70i VO-S



Tandem rollers Series DV+

Tandem roller with vibrating roller drum and oscillation drum

H277

HIGHLIGHTS

- > Operating concept Easy Drive
- > High compaction quality through optimum setting of the compaction parameters
- > Intelligent water sprinkler system
- > Large panorama cabin with clear view concept and free visibility of the drums and the construction site
- > Compaction with oscillation

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

Weights

Operating weight with cab	kg	7815
Operating weight, max.	kg	10490
Static linear load, front/rear	kg/cm	26,2/25,9
French classific., data/class		20,5/VT1

Machine dimensions

Total length	mm	4140
Total height with cab	mm	2960
Height loading, min.	mm	2170
Wheel base	mm	3000
Total width with cab	mm	1680
Max. working width	mm	2770
Kerb clearance, left/right	mm	610/610
Turning radius, inside	mm	2800

Drum dimensions

Drum width, front/rear	mm	1500/1500
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/20
Drum type, front		Smooth/split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	1270

Diesel engine

Manufacturer		KUBOTA
Version		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	0 - 11,0
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	35/40

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,61/0,42
Centrifugal force, front, I/II	kN	68/67

Oscillation

Oscillation force, rear	kN	98
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,25

Steering

Oscillation angle +/-	°	4
Steering, type		All-wheel, analogue

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Fuel tank, capacity	L	148
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Tank capacity/Fill capacity

Water tank, capacity	L	740
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Sound level

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

EQUIPMENT

12 V sockets (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 seat-operating unit | Working lights

OPTIONAL EQUIPMENT

Heating and air conditioning | Multifunction armrest, right, foldable | Electrical adjustment of seat-operating unit | Safety belt monitoring device | Radio | HCQ Navigator | Fire extinguisher | Edge pressing and cutting equipment | Chip spreader | Anti-freeze injection system | 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 grille | Additional mirror | Drum edge lighting | Drum lighting | Camera system