

Technical data

HX 70i VV-S



Tandem rollers Series HX

Tandem roller with two vibrating roller drums

H297

HIGHLIGHTS

- > High compaction performance due to optimal setting of the compaction parameters
- > Intelligent water sprinkler system
- > Operating concept Easy Drive
- > Innovative cabin concept for optimal visibility and high comfort
- > Digital ready

TECHNICAL DATA HX 70i VV-S (H297)

Weights

Operating weight with cab	kg lbs	7970 17,574
Empty weight without cab, without ROPS	kg lbs	6960 15,347
Max. operating weight	kg lbs	10500 23,152
Axle load, front/rear	kg lbs	3990/3980 8,798/8,776
Max. axle load, front/rear	kg lbs	3560/6940 7,850/15,303
Static linear load, front/rear	kg/cm lbs/in	26,60/26,54 149.0/148.6
French classification, value/class		19,9/VT0

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
Center distance	mm in	3000 118.1
Total width with cab	mm in	1680 66.1
Maximum working width	mm in	2770 109.1
Ground clearance, center	mm in	280 11.0
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
Model		V3307-CR-TE5B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		55,4/75,3/2200
Power SAE J1349, kW/HP/rpm		55,4/74,3/2200
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h mph	0-12,0 0.0-7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	37/41

Vibration

Vibration frequency, front, I/II	Hz vpm	42/50 2,520/3,000
Vibration frequency, rear, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,58/0,40 .023/.016
Amplitude, rear, I/II	mm in	0,58/0,40 .023/.016
Centrifugal force, front, I/II	kN lbs	63,23/62,57 14,227/14,078
Centrifugal force, rear, I/II	kN lbs	63,23/62,57 14,227/14,078

Steering

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

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling 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
Sound power level L(WA), representative measurement	db(A)	104

EQUIPMENT

12 V sockets (double) | Two large exterior rear-view mirrors | Folding scraper | Easy Drive operating concept | Pressure refueling of water from below | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Frequency control | Speed-controlled water sprinkling | Speed preselect | Viewing pane, front and rear | Vibration-isolated driver's platform | Track offset, hydraulic | Automatic vibration system | Water-sprinkling system with spray bars front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Working light

OPTIONAL EQUIPMENT

ROPS cabin with split doors | Heating and air conditioning | Tachograph | HCQ navigator | Edge pressing and cutting equipment | Chip spreader | Speedometer | Automatic engine-off function | HAMM Temperature Meter (HTM) | Back-up alarm | Drum edge lighting | Drum lighting | Coming home lighting | Bluetooth interface for Smart Doc |