

Technical data

HX 70i VO-S



Tandem rollers Series HX

Tandem roller with vibration and oscillation drum

H297

HIGHLIGHTS

- > Compaction with oscillation
- > Intelligent water sprinkler system
- > Operating concept Easy Drive
- > Innovative cabin concept for optimal visibility and high comfort
- > Digital ready

TECHNICAL DATA HX 70i VO-S (H297)

Weights

Operating weight with cab	kg lbs	8040 17,728
Empty weight without cab, without ROPS	kg lbs	7030 15,501
Max. operating weight	kg lbs	10570 23,307
Axle load, front/rear	kg lbs	3990/4050 8,798/8,930
Axle load at max. operating weight, front/rear	kg lbs	3560/7010 7,850/15,457
Static linear load, front/rear	kg/cm lbs/in	26,60/27,00 149.0/151.2
French classification, value/class		20,8/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
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	17/20 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
Model		V3307-CR-TE5AB
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		54,6/74,3/2200
Power SAE J1349, kW/HP/rpm		55,4/74,2/2200
Exhaust emissions category, EU		EU Stage 5

Diesel engine

Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF
Travel drive		
Speed, infinitely variable	km/h mph	0 - 11,7 0.0 - 7.3
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	38/42

Vibration

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

Oscillation

Oscillation force, rear	kN lbs	85,14 19,156
Oscillation frequency, rear	Hz vpm	36 2,160
Tangential amplitude, rear	mm in	1,01 .040

Steering

Pendulum 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)	103

EQUIPMENT

Scraper foldable | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Frequency control | Track offset, hydraulic | Automatic vibration system | Water filter system (3-fold) | Central water outlet | Camera system, front and rear | Working spotlights

OPTIONAL EQUIPMENT