

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	8040
Empty weight without cab, without ROPS	kg	7030
Max. operating weight	kg	10570
Axle load, front/rear	kg	3990/4050
Axle load at max. operating weight, front/rear	kg	3560/7010
Static linear load, front/rear	kg/cm	26,60/27,00
French classification, value/class		20,8/VT1

Machine dimensions

Total length	mm	4140
Total height with cab	mm	2960
Height loading, min.	mm	2170
Centre distance	mm	3000
Total width with cab	mm	1680
Maximum working width	mm	2770
Ground clearance, centre	mm	280
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
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
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h	0 - 11,7
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	38/42

Vibration

Vibration frequency, front, level I/II	Hz	42/50
Amplitude, front, level I/II	mm	0,58/0,40
Centrifugal force, front, level I/II	kN	63,23/62,57

Oscillation

Oscillation force, rear	kN	85,14
Oscillation frequency, rear	Hz	36

Oscillation

Tangential amplitude, rear	mm	1,01
----------------------------	----	------

Steering

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

Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

Tank capacity/filling capacity

Fuel tank, capacity	L	148
Water tank, capacity	L	740

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

Equipment Management | Tachograph | Smart Receiver | Smart Compact Basic | Smart Compact Pro | Realtime Density Scan | Weather station | Smart Display | Edge pressing and cutting device | Chip spreader | HAMM Compaction Meter (HCM) | Speedometer | HAMM Temperature Meter (HTM) | Back-up alarm | Coming Home function | Drum edge lighting | Drum lighting | Automatic engine stop