

Technical data

HC 70i VIO



Compactors Series HC CompactLine

Compactor with VIO drum

H287

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > High climbing ability
- > Compact dimensions
- > VIO compaction system—vibration or oscillation
- > 3-point articulation for excellent traction and cross-country mobility

TECHNICAL DATA HC 70i VIO (H287)

Weights

Operating weight with cab	kg lbs	6765 14,917
Operating weight with ROPS	kg lbs	6530 14,399
Empty weight without cab, without ROPS	kg lbs	6215 13,704
Max. operating weight	kg lbs	7270 16,030
Axle load, front/rear	kg lbs	3945/2820 8,699/6,218
Static linear load, front	kg/cm lbs/in	23,5 131.6
French classification, value/class		26,5/VM2
Wheel load per tire, rear	kg lbs	1410 3,109

Machine dimensions

Total length	mm in	4439 174.8
Total height with cab	mm in	2883 113.5
Total height with ROPS	mm in	2878 113.3
Height loading, min.	mm in	2878 113.3
Center distance	mm in	2336 92.0
Total width with cab	mm in	2018 79.4
Maximum working width	mm in	1680 66.1
Ground clearance, center	mm in	322 12.7
Curb clearance, left/right	mm in	355/355 14.0/14.0
Turning radius, inside	mm in	3310 130.3
Slope angle, front/rear	°	38/40

Drum dimensions

Drum width, front	mm in	1680 66.1
Drum diameter, front	mm in	1206 47.5
Drum thickness, front	mm in	20 0.8
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 14.9-24 6 PR
Width over tires, rear	mm in	1667 65.6
Number of tires, rear		2

Diesel engine

Manufacturer		KUBOTA
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Diesel engine

Model		V3307-CR-TE5AB
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		54,6/74,3/2200
Power SAE J1995, 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, working gear	km/h mph	0-6,0 0.0-3.7
Speed, transport gear	km/h mph	0-8,6 0.0-5.3
Gradeability, with/without vibration	%	54/60

Vibration

Vibration frequency	Hz vpm	36 2,160
Amplitude, vibration	mm in	0,98 .039
Centrifugal force, vibration	kN lbs	85,14 19,156

Oscillation

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

Steering

Pendulum angle +/-	°	10
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	123 32.5
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Sound level

Sound power level L(WA), guaranteed	db(A)	105
Sound power level L(WA), representative measurement	db(A)	102

EQUIPMENT