

Technical data

HC 139iD



Compactors Series HC
Compactor with smooth drum

H305

HIGHLIGHTS

- > CEV Stage V engine with best in class power and with ECO mode
- > 3-point articulation for even weight distribution and excellent directional stability
- > High compaction performance
- > Intuitive and language-neutral operation
- > Easy maintenance and servicing
- > Excellent view of machine and construction site

TECHNICAL DATA HC 139iD (H305)

Weights

Operating weight with ROPS	kg lbs	13160 29,018
Empty weight without cab, without ROPS	kg lbs	12515 27,596
Max. operating weight	kg lbs	15340 33,825
Axle load, front/rear	kg lbs	7460/5700 16,449/12,568
Axle load at max. operating weight, front/rear	kg lbs	9540/5800 21,036/12,789
Static linear load, front	kg/cm lbs/in	34,9 195.4
French classification, value/class		48,8/VM3
Wheel load per tire, rear	kg lbs	2850 6,284

Machine dimensions

Total length	mm in	5989 235.8
Total height	mm in	3067 120.7
Height loading, min.	mm in	3067 120.7
Center distance	mm in	2992 117.8
Total width	mm in	2410 94.9
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	470 18.5
Curb clearance, left/right	mm in	500/500 19.7/19.7
Turning radius, inside	mm in	4260 167.7
Slope angle, front/rear	°	41/27

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	25 1.0
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 8 PR
Width over tires, rear	mm in	2140 84.3
Number of tires, rear		2

Diesel engine

Manufacturer		
Model		H4C513022
Cylinders, quantity		4

Diesel engine

Power SAE J1995, kW/HP/rpm		95,6/128/2200
Exhaust emission standard		CEV V
Exhaust gas after-treatment		DOC-DPF-SCR

Travel drive

Speed, working gear	km/h mph	0-7,0 0.0-4.3
Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Gradeability, with/without vibration	%	48/53

Vibration

Vibration frequency, front, level I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, level I/II	mm in	2,08/0,90 .082/.035
Centrifugal force, front, level I/II	kN lbs	241/145 54,225/32,625

Steering

Steering angle +/-	°	33
Pendulum angle +/-	°	10
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	270 71.3
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Sound level

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	106

EQUIPMENT

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | Seat length adjustment | 1 drive lever | ECO mode | Tilttable engine hood | Hydrostatic steering | 3-point articulation | Emergency stop | Adjustable scraper | Battery isolation switch | Hose protection on the front vehicle

OPTIONAL EQUIPMENT

Padfoot shell | Speedometer | | Work lighting on the ROPS, 2-fold, high-power LED | Automatic vibration system