

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 on-centre feel
- > High compaction performance
- > Intuitive and language-neutral operation
- > Easy maintenance and servicing
- > Excellent view of the machine and the construction site

TECHNICAL DATA HC 139iD (H305)

Weights

Operating weight with ROPS	kg	13160
Empty weight without cab, without ROPS	kg	12515
Max. operating weight	kg	15340
Axle load, front/rear	kg	7460/5700
Axle load at max. operating weight, front/rear	kg	9540/5800
Static linear load, front	kg/cm	34,9
French classification, value/class		48,8/VM3
Wheel load per tyre, rear	kg	2850

Machine dimensions

Total length	mm	5989
Total height	mm	3067
Height loading, min.	mm	3067
Centre distance	mm	2992
Total width	mm	2410
Maximum working width	mm	2140
Ground clearance, centre	mm	470
Kerb clearance, left/right	mm	500/500
Turning radius, inside	mm	4260
Slope angle, front/rear	°	41/27

Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	25
Drum type, front		Smooth

Tyre dimensions

Tyre size, rear		AW 23.1-26 8 PR
Width over tyres, rear	mm	2140
Number of tyres, rear		2

Diesel engine

Manufacturer		
Model		H4C513022
Cylinders, quantity		4
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	0-7,0
Speed, transport gear	km/h	0-12,0
Gradeability, with/without vibration	%	48/53

Vibration

Vibration frequency, front, level I/II	Hz	30/35
Amplitude, front, level I/II	mm	2,08/0,90
Centrifugal force, front, level I/II	kN	241/145

Steering

Steering angle +/-	°	33
Pendulum angle +/-	°	10

Steering

Steering, type		Articulated steering
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Tank capacity/filling capacity

Fuel tank, capacity	L	270
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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 shells | Speedometer | | Work lighting on the ROPS, 2-fold, high-power LED | Automatic vibration system