

Technical data

# HC 119iD



**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 119iD (H305)**

**Weights**

Operating weight with ROPS	kg lbs	11180 24,652
Empty weight without cab, without ROPS	kg lbs	10535 23,230
Max. operating weight	kg lbs	13360 29,459
Axle load, front/rear	kg lbs	6220/4960 13,715/10,937
Axle load at max. operating weight, front/rear	kg lbs	8300/5060 18,301/11,157
Static linear load, front	kg/cm lbs/in	29,1 163.0
French classification, value/class		39,6/VM3
Wheel load per tire, rear	kg lbs	2480 5,468

**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	2280 89.8
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		H4C510122
Cylinders, quantity		4

**Diesel engine**

Power SAE J1995, kW/HP/rpm		74/99,2/2200
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	1,93/0,85 .076/.033
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
AdBlue/SCR reducing agent tank, capacity	L Gal	24,0 6.3

**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