

Technical data

# HC 119



**Compactors Series HC**  
Compactor with smooth drum

**H281**

## HIGHLIGHTS

- > Engine with best in class power and powerful 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 119 (H281)**

**Weights**

Operating weight with cab	kg lbs	11745 25,898
Operating weight with ROPS	kg lbs	11565 25,501
Empty weight without cab, without ROPS	kg lbs	10865 23,957
Max. operating weight	kg lbs	13850 30,539
Axle load, front/rear	kg lbs	6605/5140 14,564/11,334
Static linear load, front	kg/cm lbs/in	30,9 173.0
Wheel load per tire, rear	kg lbs	2570 5,667

**Machine dimensions**

Total length	mm in	5989 235.8
Total height with cab	mm in	3030 119.3
Total height with plastic protective roof	mm in	3061 120.5
Height loading, min.	mm in	2238 88.1
Center distance	mm in	2992 117.8
Total width	mm in	2271 89.4
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	448 17.6
Curb clearance, left/right	mm in	500/500 19.7/19.7
Turning radius, inside	mm in	3883 152.9
Slope angle, front/rear	°	40,6/27

**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		CUMMINS
Model		4BTAA 3.9
Cylinders, quantity		4

**Diesel engine**

Power SAE J1995, kW/HP/rpm		82/110,2/2200
Exhaust emission standard		-

**Travel drive**

Speed, working gear	km/h mph	0-8,5 0.0-5.3
Speed, transport gear	km/h mph	0-12,3 0.0-7.6
Gradeability, with/without vibration	%	52/58

**Vibration**

Vibration frequency, front, I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, I/II	mm in	1,95/0,85 .077/.033
Centrifugal force, front, I/II	kN lbs	250/158 56,250/35,550

**Steering**

Swing 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)	

**EQUIPMENT**

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | Seat length adjustment | One drive lever | ECO mode | Tilttable engine hood | Hydrostatic steering | 3-point articulation | Emergency stop | Adjustable scraper | Work lighting, 4-fold, high-power LED | Back-up alarm | Fuel prefilter | Chock | Tool kit | Plastic protective roof, reinforced with fiber glass and folding

**OPTIONAL EQUIPMENT**

Plastic protective roof (FOPS, level I) on ROPS | Padfoot shell | Compaction meter HCQ | Speedometer | Automatic vibration system | Working spotlights | Rotating beacon | Tool kit