

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 sunroof	kg lbs	11355 25,038
Operating weight with ROPS	kg lbs	11505 25,369
Basic weight no cab, without ROPS	kg lbs	10805 23,825
Operating weight, max.	kg lbs	13610 30,010
Axle load, front/rear	kg lbs	6495/5010 14,321/11,047
Static linear load, front	kg/cm lbs/in	30,4 170.2
Load per tire, rear	kg lbs	2505 5,524

**Machine dimensions**

Total length	mm in	5926 233.3
Total height	mm in	3061 120.5
Height, loading, min.	mm in	2238 88.1
Wheelbase	mm in	2992 117.8
Total width	mm in	2282 89.8
Max. 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
Angle of driving slope, front/rear	°	45/27

**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

**Wheel dimensions**

Size of tires, 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
Type		4BTA3.9
Number of cylinders		4

**Diesel engine**

Power rat. ISO 14396, kW/PS/rpm		81/110,2/2200
Power rating SAE J1349, kW/HP/rpm		81/108,5/2200
Emission standard		-

**Drive**

Speed, working gear	km/h mph	0-6,0 0.0-3.7
Speed, transportation gear	km/h mph	0-12,0 0.0-7.5
Climbing ability, vibration on/off	%	48/53

**Vibration**

Vibration frequency, front, I/II	Hz vpm	32/40 1,920/2,400
Amplitude, front, I/II	mm in	1,80/0,76 .071/.030
Centrifugal force, front, I/II	kN lbs	240/158 54,000/35,550

**Steering**

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

**Tank capacity/Fill capacity**

Fuel tank, capacity	L Gal	270 71.3
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**Sound level**

Acoustic power LW(A), sticker	db(A)	
Acoustic power LW(A), measured	db(A)	

**EQUIPMENT**

Dashboard with displays, indicator lights and switches, Operator's platform with access on one side, Vibration-isolated operator's platform, Seat longitudinal adjustment, 1 drive lever, ECO mode, Tiltable hood, Hydrostatic steering, 3-point articulation, Emergency stop, Adjustable scraper, Working light, 4-fold, High Power LED, Back-up alarm, Fuel prefilter, Wheel chock, Tool kit, Plastic protective roof, reinforced with fiber glass and foldable

**OPTIONAL EQUIPMENT**

Padfoot shell, Compaction meter HCQ, Speedometer, Automatic vibration system, Working light, Rotating beacon, Tool kit