

Technical data

HC 139iD



Compactors Series HC
Compactor with smooth drum

H279

HIGHLIGHTS

- > CEV Stage IV 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 (H279)

Weights

Operating weight with sunroof	kg lbs	12960 28,577
Empty weight without cab, without ROPS	kg lbs	12385 27,309
Max. operating weight	kg lbs	13060 28,797
Axle load, front/rear	kg lbs	7240/5720 15,964/12,613
Static linear load, front	kg/cm lbs/in	33,8 189.3
French classification, value/class		45,6/VM3
Wheel load per tire, rear	kg lbs	2860 6,306

Machine dimensions

Total length	mm in	5926 233.3
Total height	mm in	3061 120.5
Height loading, min.	mm in	2238 88.1
Center distance	mm in	2992 117.8
Total width	mm in	2282 89.8
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	°	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

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		QSB 4.5 C1VD1
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		90/122/2200

Diesel engine

Power SAE J1349, kW/HP/rpm		90/121/2200
Exhaust emission standard		CEV IV

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, I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, I/II	mm in	1,82/0,76 .072/.030
Centrifugal force, front, I/II	kN lbs	240/158 54,000/35,550

Steering

Swing 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	47,0 12.4

Sound level

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	110

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 | Adjustable scraper | Plastic protective roof, reinforced with fiber glass and folding

OPTIONAL EQUIPMENT

Scraper, metal version, double-edge | Compaction meter HCQ | Speedometer | ICS system | Automatic vibration system | Rotating beacon