

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 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 (H279)

## Weights

Operating weight with sunroof	kg	12960
Empty weight without cab, without ROPS	kg	12385
Max. operating weight	kg	13060
Axle load, front/rear	kg	7240/5720
Static linear load, front	kg/cm	33,8
French classification, value/class		45,6/VM3
Wheel load per tyre, rear	kg	2860

## Machine dimensions

Total length	mm	5926
Total height	mm	3061
Height loading, min.	mm	2238
Centre distance	mm	2992
Total width	mm	2282
Maximum working width	mm	2140
Ground clearance, centre	mm	448
Kerb clearance, left/right	mm	500/500
Turning radius, inside	mm	3883
Slope angle, front/rear	°	45/27

## 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		CUMMINS
Model		QSB 4.5 CIVD1
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		90/122/2200
Power SAE J1349, kW/HP/rpm		90/121/2200
Exhaust emission standard		CEV IV

## 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, I/II	Hz	30/35
Amplitude, front, I/II	mm	1,82/0,76
Centrifugal force, front, I/II	kN	240/158

## Steering

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

## Tank capacity/filling capacity

Fuel tank, capacity	L	270
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## Tank capacity/filling capacity

AdBlue/SCR reducing agent tank, capacity	L	47,0
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## 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 fibre glass and folding

## OPTIONAL EQUIPMENT

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