

Technical data

HC 119



Soil Compactors Series HC
Soil 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 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 119 (H281)

Weights

Operating weight with sunroof	kg	11355
Operating weight with ROPS	kg	11505
Basic weight no cab, without ROPS	kg	10805
Operating weight, max.	kg	13610
Axle load, front/rear	kg	6495/5010
Static linear load, front	kg/cm	30,4
Load per tyre, rear	kg	2505

Machine dimensions

Total length	mm	5926
Total height	mm	3061
Height loading, min.	mm	2238
Wheel base	mm	2992
Total width	mm	2282
Max. working width	mm	2140
Ground clearance, centre	mm	448
Kerb clearance, left/right	mm	500/500
Turning radius, inside	mm	3883
Angle of driving slope, 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

Wheel dimensions

Size of tyres, rear		AW 23.1-26 8 PR
Width over tyres, rear	mm	2140
Number of tyres, rear		2

Diesel engine

Manufacturer		CUMMINS
Version		4BTA3.9
Number of cylinders		4
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	0-6,0
Speed, transportation gear	km/h	0-12,0
Climbing ability, vibration on/off	%	48/53

Vibration

Vibration frequency, front, I/II	Hz	32/40
Amplitude, front, I/II	mm	1,80/0,76
Centrifugal force, front, I/II	kN	240/158

Steering

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

Tank capacity/Fill capacity

Fuel tank, capacity	L	270
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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, Tilttable bonnet, Hydrostatic steering, 3-point articulation, Emergency stop, Adjustable scraper, Working light, 4-fold, High Power LED, Back-up alarm (reversing), Fuel prefilter, Wheel chock, Tool kit, Plastic protective roof, reinforced with fibre glass and foldable

OPTIONAL EQUIPMENT

, Padfoot shells, HCQ compaction meter, Speedometer, Automatic vibration system, Working lights, Rotating beacon, Tool kit