

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    | 6505/5070 |
| 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                           |  | 4BTAA 3.9     |
| Number of cylinders               |  | 4             |
| Power rating SAE J1995, kW/HP/rpm |  | 82/110,2/2200 |
| Emission standard                 |  | -             |

**Drive**

|                                    |      |                   |
|------------------------------------|------|-------------------|
| Speed, working gear                | km/h | 0-6,5/0-8,0/0-8,5 |
| Speed, transportation gear         | km/h | 0-13,0            |
| Climbing ability, vibration on/off | %    | 52/58             |

**Vibration**

|                                  |    |           |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 32/40     |
| Amplitude, front, I/II           | mm | 1,80/0,76 |
| Centrifugal force, front, I/II   | kN | 250/158   |

**Steering**

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

**Tank capacity/Fill capacity**

|                     |   |     |
|---------------------|---|-----|
| Fuel tank, capacity | L | 270 |
|---------------------|---|-----|

**Sound level**

|                                     |       |  |
|-------------------------------------|-------|--|
| Sound power level L(WA), guaranteed | 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