Technical data

311D

Soil Compactors Series 300  H216
Soil Compactor with smooth drum

HIGHLIGHTS

> 3-point articulation for outstanding traction and off-road mobility
> Drum drive for high climbing ability
> Simple, intuitive and language-neutral operation
> Ergonomic driver platform
> Excellent view of the machine and the construction site
### TECHNICAL DATA 311D (H216)

#### Weights
- Operating weight with sunroof: 11220 kg
- Max. operating weight: 11440 kg
- Axle load, front/rear: 6420/4800 kg
- Static linear load, front: 30.0 kg/cm
- French classification, value/class: 40.6/VM3

#### Machine dimensions
- Total length: 5698 mm
- Total height: 3126 mm
- Height loading, min.: 2331 mm
- Centre distance: 2995 mm
- Total width: 2262 mm
- Ground clearance, centre: 419 mm
- Turning radius, inside: 3990 mm
- Slope angle, front/rear: 29/26°

#### Drum dimensions
- Drum width, front: 2140 mm
- Drum diameter, front: 1504 mm
- Drum thickness, front: 25 mm
- Drum type, front: Smooth

#### Tyre dimensions
- Tyre size, rear: AW 23.1-26 8 PR
- Width over tyres, rear: 2140 mm
- Number of tyres, rear: 2

#### Diesel engine
- Manufacturer: CUMMINS
- Model: 4BT AA 3.9
- Cylinders, quantity: 4
- Power ISO 14396, kW/PS/rpm: 74/100/2200
- Power SAE J1349, kW/HP/rpm: 74/99/2200
- Exhaust emission standard: CEV III

#### Travel drive
- Speed, working gear: 0-5,5/0-7,0/0-8,5 km/h
- Speed, transport gear: 0-12,5 km/h
- Gradeability, with/without vibration: 48/53%

#### Vibration
- Vibration frequency, front, I/II: 32/40 Hz
- Amplitude, front, I/II: 1.83/0.77 mm
- Centrifugal force, front, I/II: 240/158 kN

#### Steering
- Swing angle: ±10°
- Steering, type: Articulated steering

#### Tank capacity/filling capacity
- Fuel tank, capacity: 290 L

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

### 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
- Tiltable engine hood
- Hydrostatic steering
- 3-point articulation
- Adjustable scraper
- Plastic protective roof, reinforced with fibre glass and foldable
- Dashboard cover

### OPTIONAL EQUIPMENT
- HAMM Compaction Meter (HCM)
- Speedometer
- Telematics interface
- Working lights
- Hose protection