

Technical data

H 20i



Compactors Series H
Compactor with smooth drum

H268

HIGHLIGHTS

- > 3-point articulation for excellent traction and cross-country mobility
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > High compaction performance due to linear load and big amplitudes

TECHNICAL DATA H 20i (H268)

Weights

| | | |
|-------------------------------|-----------------|-----------------------------|
| Operating weight with cab | kg lbs | 20105 44,332 |
| Operating weight with ROPS | kg lbs | 19915 43,913 |
| Operating weight, max. | kg lbs | 21980 48,466 |
| Axle load, front/rear | kg lbs | 13200/6905 29,106/15,226 |
| Static linear load, front | kg/cm lbs/in | 61,7 345.5 |
| French classific., data/class | | 88,3/VM5 |
| Load per tire, rear | kg lbs | 3452,5 7,613 |

Machine dimensions

| | | |
|------------------------------------|----------|---------------|
| Total length | mm in | 6600 259.8 |
| Total height with cab | mm in | 2970 116.9 |
| Height, loading, min. | mm in | 2320 91.3 |
| Wheelbase | mm in | 3265 128.5 |
| Total width with cab | mm in | 2308 90.9 |
| Ground clearance, center | mm in | 390 15.4 |
| Turning radius, inside | mm in | 4200 165.4 |
| Angle of driving slope, front/rear | ° | 43/28 |

Drum dimensions

| | | |
|-----------------------|----------|--------------|
| Drum width, front | mm in | 2140 84.3 |
| Drum diameter, front | mm in | 1600 63.0 |
| Drum thickness, front | mm in | 45 1.8 |
| Drum type, front | | Smooth |

Wheel dimensions

| | | |
|------------------------|----------|------------------|
| Size of tires, rear | | AW 23.1-26 12 PR |
| Width over tires, rear | mm in | 2160 85.0 |
| Number of tires, rear | | 2 |

Diesel engine

| | | |
|-----------------------------------|--|-------------------------|
| Manufacturer | | DEUTZ |
| Type | | TCD 6.1 L6 |
| Number of cylinders | | 6 |
| Power rat. ISO 14396, kW/PS/rpm | | 160,0/217,6/2300 |
| Power rating SAE J1349, kW/HP/rpm | | 160,0/214,4/2300 |
| Emission standard | | EU Stage V / EPA Tier 4 |

Diesel engine

| | | |
|-----------------------------|--|-------------|
| Exhaust gas after-treatment | | DOC-DPF-SCR |
|-----------------------------|--|-------------|

Drive

| | | |
|------------------------------------|-------------|-----------------------|
| Speed, infinitely variable | km/h mph | 0 - 12,0 0.0 - 7.5 |
| Regulation, infinitely variable | | Hammtronic |
| Climbing ability, vibration on/off | % | 53/58 |

Vibration

| | | |
|----------------------------------|-----------|--------------------------|
| Vibration frequency, front, I/II | Hz vpm | 27/30 1,620/1,800 |
| Amplitude, front, I/II | mm in | 2,05/1,22 .081/.048 |
| Centrifugal force, front, I/II | kN lbs | 331/242 74,475/54,450 |

Steering

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

Tank capacity/Fill capacity

| | | |
|--------------------------|----------|-------------|
| Fuel tank, capacity | L Gal | 280 74.0 |
| AdBlue/DEF tank, content | L Gal | 32 8.5 |

Sound level

| | | |
|-------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 106 |
| Acoustic power L(WA), measured | db(A) | 104 |

EQUIPMENT

12 V outlets (double) | 2 large working and rear view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function key | Operating concept Easy Drive | ECO mode | Speed preselect | Hose protection on front vehicle | Automatic vibration system | Lighting package as per road traffic regulations | Camera system

OPTIONAL EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Safety belt monitoring device | Armrest comfort setting, left | Auxiliary heater | Radio | Tachograph | Bluetooth interface for Smart Doc | HCQ navigator | Dozer blade | Frequency regulation | HAMM Compaction Meter (HCM) | Automatic engine-off function | Telematics interface | Working light | Rotating beacon | Engine hood with electrical easy access engine cover release | Coming home lighting | Battery isolating switch | Homologation | Tool kit