



H 18i / H 18i P

H 18i - Compactor with vibratory smooth roller drum

H 18i P - Compactor with vibratory padfoot drum



- ▶ Ergonomic driver seat for perfect all-round visibility
- ▶ Clear information display
- ▶ Excellent hill climbing ability via self-locking differential
- ▶ 3-point swivel joint for optimum driving comfort
- ▶ Hydrostatic steering
- ▶ Optimum ease of maintenance, long service intervals



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H 18i P - Compactor with vibratory padfoot drum



| | H 18i | H 18i P |
|------------------------------------|----------------------|----------------------|
| Weights | | |
| Operating weight with cab | kg 18355 | 18735 |
| Operating weight, max. | kg 21930 | 22310 |
| Axle load, front/rear | kg 11485/6870 | 11865/6870 |
| Load per tyre, rear | kg 3435 | 3435 |
| Static linear load, front | kg/cm 53,7 | |
| French classific., data/class | 77,3/VM5 | 77,6/VPMS |
| Machine dimensions | | |
| Max. working width | mm 2140 | 2140 |
| Lateral overhang, left/right | mm 84/84 | 84/84 |
| Ground clearance, left/right | mm 515/515 | 515/515 |
| Ground clearance, centre | mm 420 | 420 |
| Turning radius, inside | mm 4200 | 4200 |
| Drum thickness, front | mm 45 | 35 |
| Number of padfeet | | 150 |
| Height of the padfeet | mm 100 | 100 |
| Front area of padfeet | cm ² 152 | 152 |
| Size of tyres, rear | AW 23.1-26 12 PR | TR 23.1-26 12 PR |
| Diesel engine | | |
| Manufacturer | DEUTZ | DEUTZ |
| Type | TCD 6.1 L6 | TCD 6.1 L6 |
| Number of cylinders | 6 | 6 |
| Power rat. ISO 14396, kW/PS/rpm | 160,0/217,6/2300 | 160,0/217,6/2300 |
| Power rating SAE J1349, kW/HP/rpm | 160,0/214,4/2300 | 160,0/214,4/2300 |
| Emissions standard EU/USA | III B / Tier 4i | III B / Tier 4i |
| Fuel tank, capacity | L 280 | 280 |
| Drive | | |
| Hydrostatic drive, front/rear | Hydraulic motor/axle | Hydraulic motor/axle |
| Regulation, infinitely variable | Hammtronic/manual | Hammtronic/manual |
| Speed, infinitely variable | km/h 0 - 14,0 | 0 - 14,0 |
| Climbing ability, vibration on/off | % 62/67 | 65/70 |

Vibration system

Hydrostatic drive

Vibration

| | | | |
|----------------------------------|----|-----------|-----------|
| Vibration frequency, front, l/ll | Hz | 27/30 | 27/30 |
| Amplitude, front, l/ll | mm | 2,07/1,23 | 1,96/1,16 |
| Centrifugal force, front, l/ll | kN | 331/242 | 331/242 |

Steering

| | | | |
|-----------------------|---|-----------------------------|-----------------------------|
| Steering, type | | Articulated steering | Articulated steering |
| Steering, actuation | | hydrostatic, steering wheel | hydrostatic, steering wheel |
| Steering angle +/- | ° | 35 | 35 |
| Oscillation angle +/- | ° | 10 | 10 |

Equipment

Spring-mounted driver seat, Double-sided access, Continuously variable hydrostatic all-wheel drive, Excellent engine power with traction control, Swivelling steering and instrument console, Modern information and indicator display, Tilttable GRP bonnet, Hammtronic — automatic traction and slip control

Optional equipment

Spotlights, Exterior and interior mirrors, Radio, Heating with dust-free ventilation, Air conditioning, HCQ printer, HCQ GPS compression documentation, HCQ compression meter, Tachograph, Back-up alarm, Rotating beacon, Drive lever on both sides

| | | | |
|-----------------------------|----|-------------|-------------|
| Total length | L | 6500 | 6500 |
| Width | B | 2308 | 2308 |
| Total height | H | 2980 | 2980 |
| Wheel base | A | 3265 | 3265 |
| Roller drum width | X | 2140 | 2140 |
| Drum diameter | D | 1600 | 1784 |
| Width over tyres | Y | 2160 | 2160 |
| Diameter of tyres | R | 1565 | 1565 |
| Height loading, min. | HI | 2304 | 2304 |

