



H 13i / H 13i P

H 13i - Compactor with vibratory smooth roller drum

H 13i P - Compactor with vibratory padfoot drum



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



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| | | H 13i | H 13i P |
|------------------------------------|-----------------|-----------------------------|-----------------------------|
| Weights | | | |
| Operating weight with ROPS | kg | 12830 | 13175 |
| Operating weight with cab | kg | 13090 | 13435 |
| Operating weight, max. | kg | 16470 | 16810 |
| Axle load, front/rear | kg | 7855/5235 | 8200/5235 |
| Load per tyre, rear | kg | 2617,5 | 2617,5 |
| Static linear load, front | kg/cm | 36,7 | 38,3 |
| French classific., data/class | | 50,7/VM3 | 52,4/VPM3 |
| Machine dimensions | | | |
| Max. working width | mm | 2140 | 2140 |
| Lateral overhang, left/right | mm | 71/71 | 71/71 |
| Ground clearance, left/right | mm | 500/500 | 500/500 |
| Ground clearance, centre | mm | 400 | 400 |
| Turning radius, inside | mm | 4190 | 4190 |
| Drum type, front | | smooth/non-divided | Padfoot |
| Drum thickness, front | mm | 30 | 20 |
| Padfeet, number | | | 140 |
| Height of the padfeet | mm | | 100 |
| Front area of padfeet | cm ² | | 152 |
| Size of tyres, rear | | AW 23.1-26 12 PR | TR 23.1-26 12 PR |
| Diesel engine | | | |
| Manufacturer | | DEUTZ | DEUTZ |
| Version | | TCD 4.1 L4 | TCD 4.1 L4 |
| Number of cylinders | | 4 | 4 |
| Power rat. ISO 14396, kW/PS/rpm | | 105,0/142,8/2300 | 105,0/142,8/2300 |
| Power rating SAE J1349, kW/HP/rpm | | 105,0/140,7/2300 | 105,0/140,7/2300 |
| Emissions standard EU/USA | | III B / Tier 4i | III B / Tier 4i |
| Fuel tank, capacity | L | 280 | 280 |
| Drive | | | |
| Hydrostatic drive, front/rear | | Wheel motor/axle | Wheel motor/axle |
| Regulation, infinitely variable | | Hammtronic | Hammtronic |
| Speed, infinitely variable | km/h | 0 - 14,0 | 0 - 14,0 |
| Climbing ability, vibration on/off | % | 57/62 | 65/70 |
| Vibration | | | |
| Vibration frequency, front, I/II | Hz | 30/40 | 30/40 |
| Amplitude, front, I/II | mm | 1,91/0,9 | 1,87/0,88 |
| Centrifugal force, front, I/II | kN | 249/209 | 249/209 |
| Steering | | | |
| Steering, type | | Articulated steering | Articulated steering |
| Steering, actuation | | hydrostatic, steering wheel | hydrostatic, steering wheel |
| Steering angle +/- | ° | 32 | 32 |
| Oscillation angle +/- | ° | 10 | 10 |

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

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

| | | | |
|-----------------------------|----|-------------|-------------|
| Total length | L | 5850 | 5850 |
| Width | B | 2284 | 2284 |
| Total height | H | 2960 | 2960 |
| Wheel base | A | 3062 | 3062 |
| Drum width | X | 2140 | 2140 |
| Drum diameter | D | 1504 | 1684 |
| Width over tyres | Y | 2160 | 2160 |
| Diameter of tyres | R | 1565 | 1565 |
| Height loading, min. | HI | 2282 | 2282 |

