

Impactor HL-4000D



Piling and drilling rigs

Features:

- Compact machine
- Robust and reliable machine
- Low weight of 12000 kg
- High speed winch generates approx. 35 hits per minute
- Automatic piling process
- Suitable for augering, displacement drilling and hydraulic impact hammer

Advantages:

- Working in low headroom areas (min. 3100 mm)
- Low ground pressure
- High trade in value
- 100% perfect piles

Benefits:

- Up to 50% increased productivity
- Up to 40% less labour costs

Piling machine Model HL-4000D

Vermeer Machine Techniek piling machines are suitable for various foundation installation techniques.

The Vermeer MT HL-4000D is suitable for bottom and top drive piling methods and can also be combined with (hollow shaft) auger drives and the VermeerMT rotary table model up to the SB-100. The machine is diesel powered. The PLC driven fully automatic piling system provides a continuous high frequency free fall, resulting in an excellent performance. The compact machine is of modular construction, allowing several options to be chosen e.g. track widening, 360° slewing ring and sliding frame. Through its size and performance the Vermeer MT HL-4000 is the optimum in medium size piling machinery.



Options:

- 360° slewing ring
- Expanding tracks (2000 - 2600 mm)
- Additional service winch
- Mast positioning frame (forward/backward, telescoping)
- Hydraulic power outlet (max. 160 l at 200 bar)
- Auger drill head
- Displacement rotary table
- Two work lights 24V / 70W
- Painting to customers requirements
- Protection shield/vandal shield for electric control box

HL-4000D

Technical Information:

Undercarriage

Track width (std)	2600 mm
Track length	3500 mm
Track plate width	400 mm
Track plate material	steel
Torque	2 x 12 kNm

Main winch (free-fall)

Drop hammer weight (max. / min.)	4000 / 600 kg
Hoisting speed	80 m / min.
Hits at 1 m fall height	30 - 35 / min.
Control (piling)	fully automatic
Control (hoisting)	hydr. proportional
Rope diameter / length	19 mm / 45 m

Service winch

Pull (max)	25 kN
Hoisting speed	30 m / min.
Hits at 1 m fall height	30 - 35 / min.
Hoisting control	hydr. proportional
Rope diameter / length	16 mm / 25 m

Guiding mast

Movement of mast	hydraulic 8° forward, 90° backward
Transport height	2900 mm (excl. sheave head 2550 mm)
max./ min. working height	10600 / 3100 mm (incl. sheave head)
Hydraulic mast extension	1000 mm

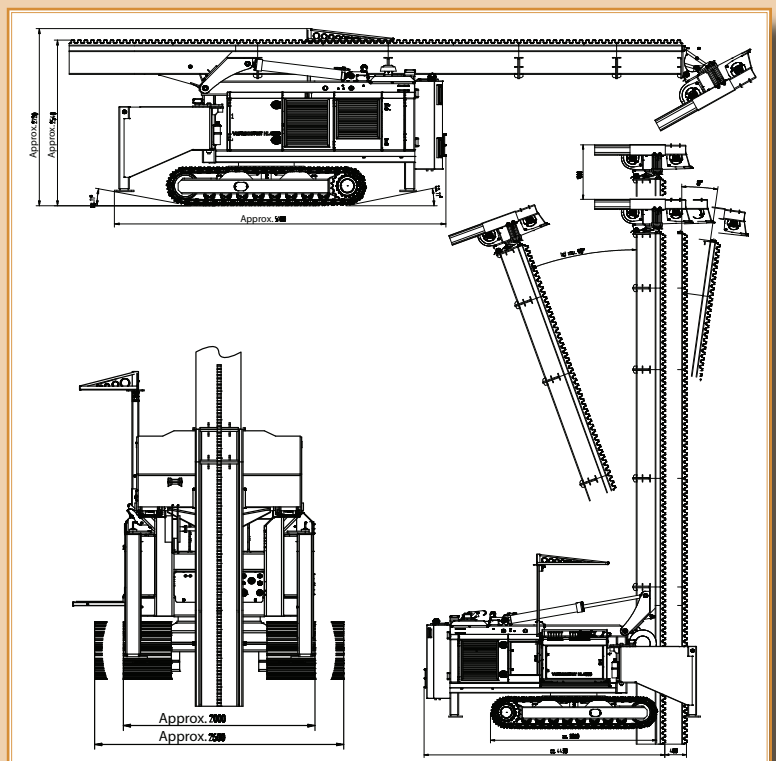
Power unit

Diesel engine	Deutz diesel 75 kW
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Stabilisers

Position	1 behind - 2 turnable in front
Control	hydraulic

Weight of standard machine	Approx. 12000 kg (without drop hammer)
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Notice: All technical specifications are subject to changes without prior notice.



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