

# Impactor HL-I 200



Piling and drilling rigs

## Features:

- Compact machine
- Robust and reliable machine
- Low weight of 4500 kg
- High speed winch generates approx. 35 hits per minute
- Automatic piling process
- Suitable for augering and hydraulic impact hammer as well

## Advantages:

- Working in low headroom area's (min. 2420 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-1200

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

The Vermeer MT HL-1200 is suitable for bottom and top drive piling methods and can also be combined with auger drives and the Vermeer MT hydraulic impact hammer model Boxer-800. The machine can be diesel or electric 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-1200 is the optimum in small piling machinery.



### Options:

- 360° slewing ring
- Expanding tracks (850 - 1250 mm)
- Additional service winch
- Mast positioning frame (forward/backward, telescoping)
- Hydraulic power outlet (max. 65 l/min. at 175 bar)
- Cabled control box on back of machine for driving through narrow area's
- Electric socket (only on E version, for welding or small electric tools)
- two work lights 24V / 70W
- Painting to customers requirements
- Protection: vandal shield for electric control box

HL-1200

### Technical Information:

#### Undercarriages

Track width (std.)	1250 mm
Track length	1950 mm
Track plate width	230 mm
Track plate material	steel / vulcanised
Torque	2 x 3 kNm

#### Main winch (free-fall)

Drop hammer weight (max. / min.)	1200 / 180 kg
Hoisting speed	80 m/min.
Hits at 1 m fallheight	30 - 35 /min.
Control (piling)	fully automatic
Control (hoisting)	hydr. proportional
Rope diameter / length	12 mm / 40 m

#### Service winch

Pull (max)	7,5 kN
Hoisting speed	30 m/min.
Hoisting control	hydr. proportional
Rope diameter / length	10 mm / 20 m

#### Guiding mast

Movement of mast	hydraulic 8° forward, 90° backward
Transport height	2480 mm (excl. sheave head 2050 mm)
max/ min. working height	8000 / 2420 mm (incl. sheave head)
Hydraulic mast extension	700 mm

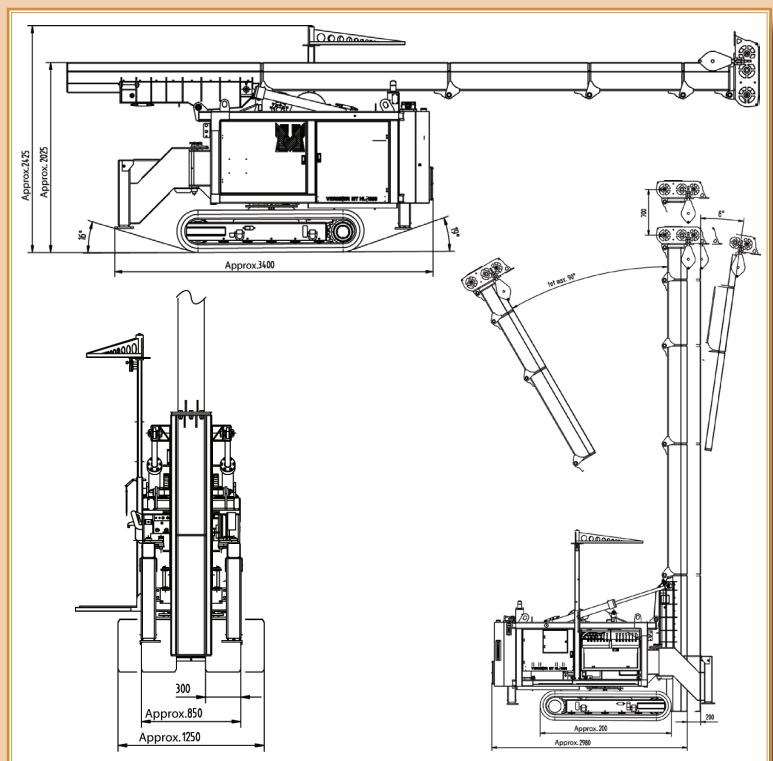
#### Power unit

Electric motor	30 kW - 400/690V
Diesel engine (optional)	Hatz 2L 30 kW (24 Volt)

#### Stabilisers

Position	1 behind - 2 turnable in front
Control	hydraulic

Weight of standard machine      Approx. 4500 kg (without drop hammer)



Notice: All technical specifications are subject to changes without prior notice.



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