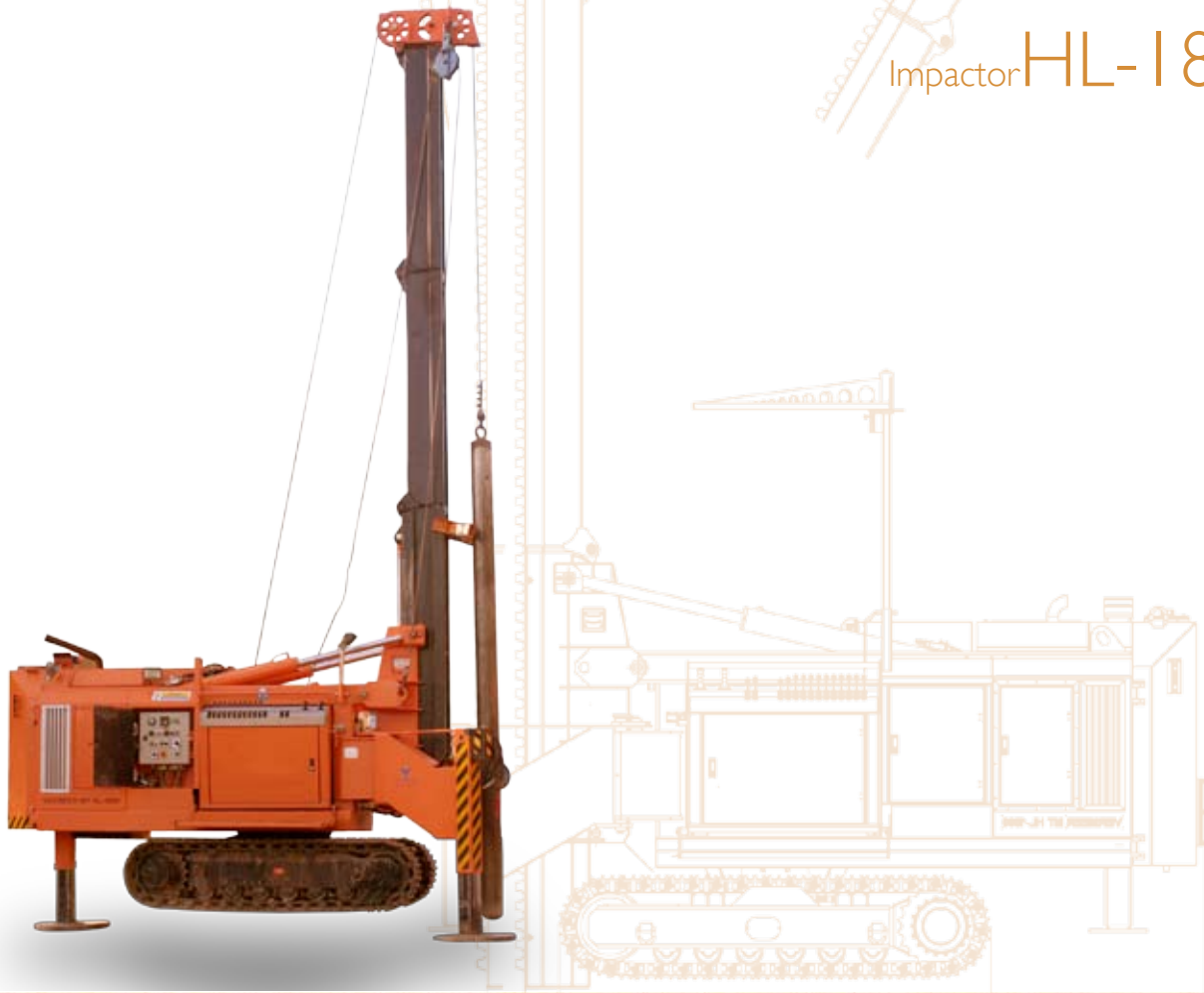


# Impactor HL-1800



Piling and drilling rigs

#### Features:

- Compact machine
- Robust and reliable machine
- Low weight of 7000 kg
- High speed winch generates approx. 35 hits per minute
- Suitable for augering, hydraulic impact hammer and displacement drilling as well

#### Advantages:

- Low ground pressure
- Working in low headroom areas (min. 2700 mm)
- High trade-in value
- 100% perfect piles

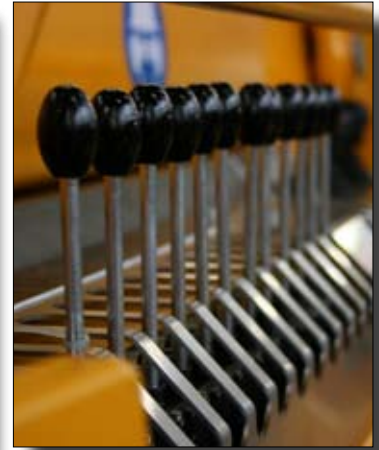
#### Benefits:

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

## Piling machine Model HL-1800

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

The Vermeer MT HL-1800 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 SB-65 and the VermeerMT BOXER 800 hydraulic impact hammer. 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-1800 is one of the standards in small piling machinery.



### Options:

- 360° slewing ring
- Expanding tracks (1100 - 1400 mm)
- Additional service winch
- Mast positioning frame (forward/backward, telescoping)
- Hydraulic power outlet (max. 100 l at 200 bar)
- Extended control box for driving
- Electric socket (only on E version, for welding or small electric tools)
- Two work lights 24V / 70W
- Painting to customers requirements
- Protection shield/vandal shield for electric control box

HL-1800

### Technical Information:

#### Undercarriage

Track width (std)	1400 mm
Track length	2250 mm
Track plate width	300 mm
Track plate material	steel/vulcanised
Torque	2 x 4,5 kNm

#### Main winch (free-fall)

Drop hammer weight (max. / min.)	1800 / 400 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	14 mm / 40m

#### Service winch

Pull (max)	5 kN
Hoisting speed	80 m / min.
Hits at 1 m fall height	30 - 35 / min.
Hoisting control	hydr. proportional
Rope diameter / length	12 mm / 20 m

#### Guiding mast

Movement of mast	hydraulic 8° forward, 90° backward
Transport height	2600 mm (excl. sheave head 2250 mm)
max./ min. working height	9500 / 2700 mm (incl. sheave head)
Hydraulic mast extension	840 mm

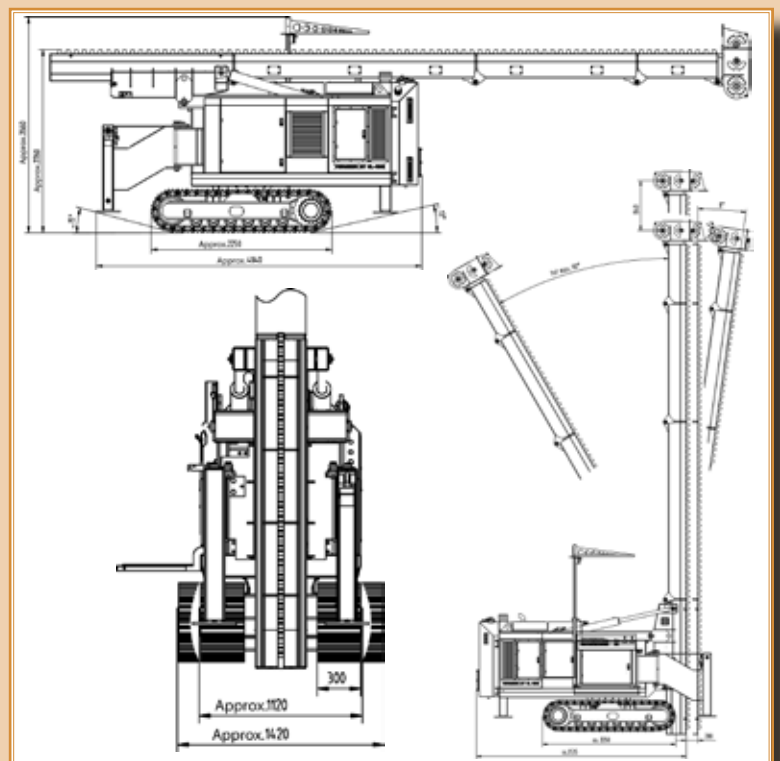
#### Power unit

Diesel engine	Cummins B3.3 34 kW (24V)
Electric motor	20 kW 400 / 690V

#### Stabilisers

Position	1 behind - 2 turnable in front
Control	hydraulic

Weight of standard machine      Approx. 7000 kg (without drop hammer)



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



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