

Features:

- Ultra compact machine
- Robust and reliable machine
- Low weight of 2750 kg
- Small machine with high torque
- Making the impossible possible
- Machine for the real piling specialist.

Advantages:

- Working in low headroom areas (min. 2000 mm)
- Low ground pressure
- High trade in value
- Almost no noise

Benefits:

- Up to 30% increased productivity

Drilling machine Model HB-80

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

The Vermeer MT HB-80 is an ultra compact machine suitable for displacement drilling of steel casings with a diameter of 168, 219 and 273 mm.

Due to the displacement drilling method a vibration free installation has been guaranteed.

The machine's size makes it possible to access areas coming from a 1 m wide path, turning 90 degrees and enter a 1 m wide area.

The height during transport is limited to only 1800 mm.

The hydraulic power of the displacer is supplied by a diesel power pack.

A hydraulic hose package of 25 m connects the power pack and drilling unit.

The HB-80 displacer is bringing unique opportunities when small access in combination with a vibration free and foundation method is required.

The working method is based on working with ground anchors.



Options:

- Special tracked carrier for the SB-80 rotary table
- Hydraulic hose reel

HB-80

Technical Information:

Undercarriage drilling rig

Track width (min. – max.)	700 - 900 mm
Track length	1000 mm
Track plate width	200 mm
Track plate material	steel/vulcanised
Torque	2 x 3 kNm

Rotary table (model SB-80)

Torque (max.)	8000 kgm
Speed (max.)	8 rpm
Drive	2 motors
Hollow spindle (diam. max.)	300 mm
Max. casing length	4000 mm
Max. tipped starter casing length	500 mm

Casing clamp

Location	Underneath the rotary table
Clamp sizes	Ø168, Ø219, Ø273 mm (with swaged ends)
Clamp technique	conical hydr. clamp method

Mast

Movement of mast	hydraulically vertical through cylinders
Mast extension	600 mm
Pull up/ down force cylinders	50 kN

Hydraulic power unit

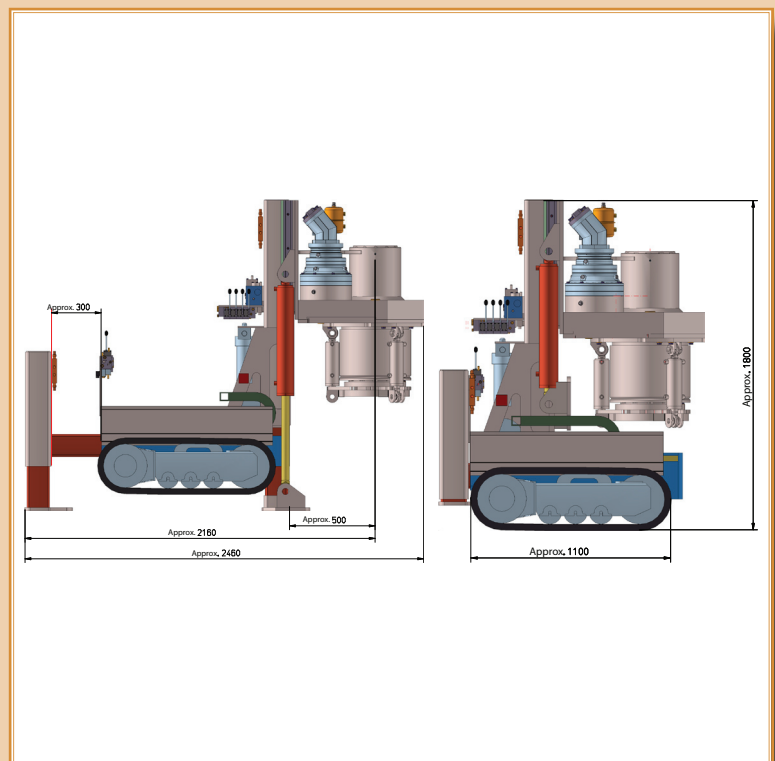
Diesel engine	100 kW (24 Volt)
Hydraulic power	-300 bar by 160 l/min. -190 bar by 250 l/min.

Control

radio remote,

General

Weight of displacement machine	2750 kg (incl. rotary table SB-80)
Length machine (without extension)	1500 mm
Length extended machine	2460 mm
Width (min. – max.)	700 – 900 mm
Height during transportation	1800 mm
Height during operation	2,000 mm
Weight of power unit	3000 kg (tracked version)



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



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