



ap
van den
berg

Midi CPT Crawler 200 kN

compact manoeuvrability with full force



features

- width of 1,200 mm facilitates easy access
- 20 ton pushing force
- fast anchoring with up to 4 soil anchors
- easy to use, move and transport
- variety in useful options

PROBE
THE ▲
FUTURE

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introduction

Many CPT companies own large CPT vehicles, but these are not always suitable for the job. At locations with restricted access large CPT vehicles can not be deployed. Think of building pits, back yards, dikes and wharfs. Yet, more compact soil and/or large depth requirements may demand a 20 tons pushing force. A compact and manoeuvrable CPT system, that still offers sufficient reaction force, is then the answer. The Midi CPT Crawler was developed to meet these requirements.



The Midi CPT Crawler consists of our proven HYSON 200 kN penetrometer mounted on an undercarriage with rubber tracks. The Midi CPT Crawler from A.P. van den Berg is designed to be compact, manoeuvrable and light, but with maximum power. With a weight of about 3,500 kilo and a width of only 1,200 mm the Midi CPT Crawler fits through small passages and can be transported in a small truck. All these features ensure that the crawler can be easily used, moved and transported.

With a pushing force of 20 tons the Midi CPT Crawler is generally preferred when Cone Penetration Tests up to 40 meters should be performed. Of course the achievable depth depends on the soil conditions and reaction force. Four soil anchors with two hinged anchoring systems provide the required reaction force.

Even though the crawler is compact, there is still enough space for storage of cones, rods, friction reducers and wrenches. The laptop and data logger are stored in a weather protected cabinet.



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Standard technical specifications

Total weight	approx. 3,500 kg
Total dimensions	3,400 x 1,200 x 2,100 mm (LxWxH)
Track characteristics	fixed, rubber
Track dimensions	1,770 x 300 x 515 mm (LxWxH)
Engine power	36 kW / 49 BHP (silent pack diesel)
Driving speed	approx. 4 km per hour
Anchoring	2,500 N/m, four anchor points
Inverter	750 VA
Remote control	Scraneco



variety in useful options

The design facilitates easy implementation of additional options, such as:

- track widening system for more stability during movement (from 1,000 to 1,200 mm)
- towing point
- lifting hooks to handle the CPT Crawler by crane



We reserve the right to change specifications without prior notice.

A.P. van den Berg Machinefabriek is a tradename of
A.P. van den Berg Ingenieursburo bv.