



a.p. van den berg  
*The CPT factory*

# 15 ton CPT track-rig

with HYSON 200 kN static cone penetrometer



## features

- operates at high speed
- terrain mobility
- low ground pressure
- ergonomic design
- multifunctional applications

creating tools that move your business

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## introduction

Morooka meets A.P. van den Berg! The newest CPT rig in line for geotechnical operation has rolled out of A.P. van den Berg CPT factory. After an intensive and successful cooperation over a couple of years with our clients the result is astonishing.

## Morooka crawler

The Morooka as a CPT base has been a real challenge but it gives just the edge you would like to have, maximum speed and low ground pressure!

### Technical specifications

Max. weight Morooka	15 tons (16,5 US tons)
Max. speed Morooka	12 km/h (6,8 mph)
Ground pressure	0,29 kg/cm <sup>2</sup> (3,9 psi)
Motor	165 KW/2700 rpm (224 HP/2700 rpm)
Max. pushing force HYSON	150 kN (16,5 US tons)
Max. pulling force HYSON	190 kN (21 US tons)
Speed HYSON	2 cm/sec



## CPT work cabin

The spacious work cabin made of high tech components meets all your demands. The complete interior can be easily adjusted via our custom built philosophy. This gives you the full advantage and efficiency to maximise your investment. All operations are captured in a Human Machine

Interface. The user friendly touch-screen panel gives all operation commands clearly visible for the operator.

## HYSON static cone penetrometer

The HYSON 200 kN "work horse" is mounted in the Morooka. The pusher, already in service for a decade, is limited by means of safety valves. This way it will not exceed the 15 tons maximum payload of the Morooka. The HYSON can be easily upgraded with extra tools such as an hydraulic push/pull clamp or an automated rod screwer and many more. Both mentioned items give the operator ergonomic comfort, when working in hard conditions.



## A.P. van den Berg Machinefabriek

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Full specifications of the Morooka at [www.Morooka.com](http://www.Morooka.com).  
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