



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

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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!



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 advantages 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 200kN “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.



| Morooka MST-1500VD | |
|--------------------|--------------------------------------|
| Maximum total load | 15 ton (16,5 US ton) |
| Maximum speed | 12 km/h (6,8 mph) |
| Ground pressure | 0,29 kg/cm ² (3,9 psi) |
| Motor | 165 kW/2700 rpm (224 HP/2700 rpm) |

| HYSON 200 kN | |
|------------------|-------------------------|
| | Maximum |
| Pushing capacity | 150 kN (16,5 US ton) |
| Pulling capacity | 190 kN (21 US ton) |
| Pushing speed | 2.0-20 cm/s |
| Pulling speed | 1.6-16 cm/s |

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Full specifications Morooka at www.morooka.com.