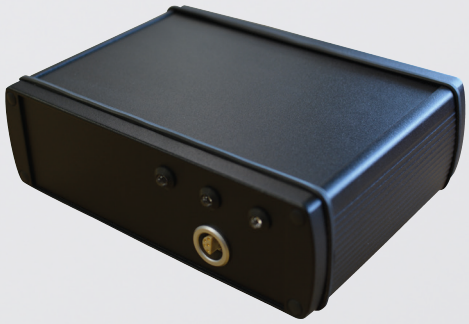
Envi 20 ton cone penetrometer pusher

Our CPT pusher unit is a perfect choice if you need 20 ton pusher capacity from a small and flexible yet affordable unit.



Envi logger CS1™
A logger used for CPTu and other types of probes. The logger of choice for our pusher unit.

Memocone CPTu Cone Penetrometer
Fully digital Envi CPTu probes. Corded or cordless. Seismic or Resistivity add-ons available.

Envi
Environmental Mechanics AB

Envi field computer

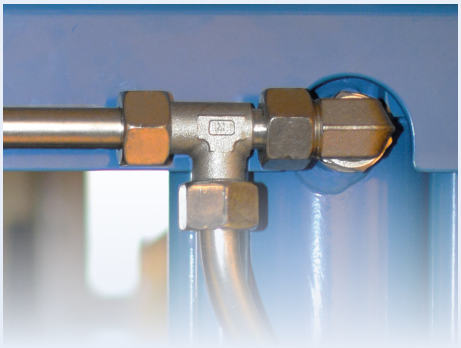
The Envi Field Computer features the integration of a brilliant 10,4" touch display and a high performance yet energy effcient Intel® AtomTM N2600 Cedar View 1,6 Ghz CPU.

The computer weight is only 1.1kg and is designed to meet IP64 protection to withstand water and dust. Wide temperature support between -20 to +50 degress centigrade.

Features:
Touch screen 10,4"
Wireless network
Camera, RFID
Fanless
No moving parts
Vehicle mount

Engine
Honda GX390
11,7 HP / 8,7 kW
Max effect at 3600 rpm
Max torque (26,4 Nm) at 2500 rpm

Hydraulic auger engine



EMB
High-grade hydraulic fittings

Hydraulic pump
Turolla Open Circuit Gear
SNP2NN/011 RN01BA P1C3C3 NNNN/NNNNN 21 JLY09 00444
Max nominal/operation pressure 250 Bar
Max pressure peak 280
Bar Displacement 10,8 cm3/rev
Max rotation 4000 rpm gives Max flow ~ 43 litre/minute

The pusher is small enough to be transported on a pick-up truck or on a trailer. The anchoring system operated by two persons will anchor the pusher in all types of soils.

The two hydraulic cylinders have a stroke of > 1 m so you can push 1 meter rods in one stroke. This pusher is the second generation pusher sold by Envi. It succeeds the successful pusher manufactured in ailand that was earlier resold by Envi.

Produced, developed and manufactured in Sweden.

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