

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 C2

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. Coded or cordless. Seismic or Resistivity add-ons available.



Envi field computer

DURABOOK R11

11.6" Lightest and thinnest Fully Rugged Tablet

R11 redefines what a rugged tablet PC shall be. While being ultra-thin and lightweight, R11 was certified for MIL-STD 810G, IP65, C1D2, and MIL-STD-461F standards. It weighs just 1.2 kg

and provides up to 7 hours of battery life. The rugged mobility offers complete protection against the harsh environment that public safety and field workers operate in. Combining robust features, superior performance and an ideal price, R11 is ideal for field operatives of all sectors.

Features:

Sunlight Readable Display

Capacitive Multi-Touch Screen

1D / 2D Barcode Scanner

IP65 / MIL-STD 810G / MIL-STD 461F / C1D2

Two USB 3.0

298.5mm x 192mm x 20mm

5MP Auto Focus Camera with LED Flash Light

SIM Card PCB (optional hardware)

No moving parts

Vehicle mount



Engine and hydraulic



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.

