



SOCOTEC

PLANT INFORMATION – MEDIUM CPT CRAWLER (YANMAR)

Cone Penetration Tests (CPT) are carried out using twenty tonne capacity hydraulic penetrometer equipment mounted on ballasted vehicles. SOCOTEC UK is accredited by the United Kingdom Accreditation Service (UKAS) to undertake electric friction and piezocone testing as detailed in its UKAS schedule, Laboratory No 1157.

All CPT vehicles are fitted with a computerised logging system which displays a continuous graphical record of the measured data against depth. Data plots can be produced and supplied to the Client in the field upon completion of the testing.



TRACK MOUNTED PENETROMETER

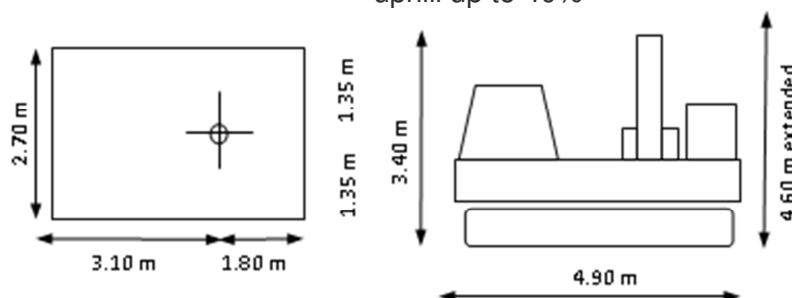
Rubber track mounted open unit for very soft ground and difficult/restricted access risk. The unit is equipped with a 20 tonne capacity penetrometer. The reaction capacity of the system is some 8 tonnes.

The low ground bearing pressure of this crawler unit makes it ideally suited for use on those sites where the near surface soils are waterlogged and/or of low shear strength. The medium crawler is suitable for sites such as alluvial and coastal floodplains. It has adequate capacity to penetrate the full thickness of soft alluvial sediments encountered in the UK, typically up to 10 to 15 m depth.

A production rate of up to 100 m per day can be expected from this unit.

DIMENSIONS

- Length: 4.90 m
- Width: 2.70 m
- Height: 3.40 m
- Extended Height: 4.60 m
- Weight: 9 tonnes
- Ground Pressure: 35 kPa (5 psi)
- Max slope (tracking): sidehill up to 30%
uphill up to 40%



Date Revised: October 2017