



RIG DATA SHEET

Mel (IGS40)



IGS40 Mel is a diesel powered Pagani TG63-150 rig that is set up to undertake direct-push testing and sampling. This versatile set up has been configured to be fully air transportable with certified lift points. Push resistance is provided by a range of flight augers that can be screwed into the ground or other anchoring systems. The little rig is ideal for those tight awkward to access sites, in basements and on jack up barges.

About:

Push speed - 20mm/s

High Accuracy Arrow 100 GNSS GPS on board

Mass ~1.2t (without anchors)

W=1.2m L=2.5m H=1.6m (mast down) H=3.8m (mast up)

Push capability nominally 150kN (anchored)

Operating track pressure ~30kPa

Fitted with heavy duty lift and recovery points.

Can conduct dynamic probing

Test Types:

- CPT and CPTu and Seismic CPTu
- Tee-Bar and Ball Cone
- DMT & SDMT/ SPDMT, Medusa DMT
- Direct-Push Vane Shear

Also:

- Installation of VWP Piezometers
- Magneto and Conductivity Profiling
- In Situ Permeability
- All IGS Sampling including PPI Sampling