

GROUND TEST

TECHNICAL SPECIFICATIONS

DRILLMAN GT10



OVERVIEW

The GT10 is an auger/SPT/push-tube rig mounted on a 4x4 FUSO Canter SWB carrier truck. This compact rig is capable of undertaking a range of soil sampling and testing investigations utilising solid flight augers, automatic SPTs and push-tubes driven using an Atlas Copco hammer. Larger diameter (up to 300 mm) augers can also be utilised for pavement investigations.

CAPABILITIES

Drilling

- Continuous solid flight augering to 5 m
- Large diameter (up to 300 mm) augering to 1.5 m

Sampling

- Standard Penetration Test (SPT) using automatic hammer
- Continuous soil sampling to 5 m using a Macro-Core MC5 soil sampler and 38 mm dia. PVC liners
- Undisturbed (U50, U63, U75)
- Well installation

OTHER FEATURES

- Compact
- Relatively low height
- 4x4 truck
- Concrete coring capabilities

SAFETY

- Safety cage with rotation isolation
- Dual pole battery isolation
- Emergency stops
- Spill kit, first aid kit, fire extinguisher
- Potable water tanks



RIG SUMMARY

DIMENSIONS

Width:	2.4 m
Length, mast down:	5.7 m
length, mast up:	5.6 m
Mass:	5 t
Height, mast up:	5.2 m
Height, mast down:	3.1 m
Work area length:	3 m (minimum)

RIG SPECIFICATIONS

Engine:	3 cylinder Isuzu
Rotary drive:	Drillman 3BC1
Push-tube hammer:	Atlas Copco LH220
SPT hammer:	Hydrapower auto
Winch line:	1000 kg, 15 m
Pull down:	1900 kg
Pull back:	1900 kg
Head stroke:	3.0 m
Jack legs:	Two at rear

CARRIER TRUCK SPECIFICATIONS

Make/Model:	FUSO Canter 4x4 FG Wide Cab SWB
Wheels:	Steel, tubeless tyres

