

CMV 600



CMV 600 (Data)

The CMV600 is a mid range and power rig that has wide steel tracks to give a very low ground bearing pressure, the rig is generally used for geotechnical & environmental drilling work but has a fully articulated mast which allows the rig to drill at any inclined angle required

Safety:

As with all of our rigs the unit has a full interlocking safety guard system, kill switches and Chalwyn valve and spark arrestors fitted as standard for safe working on sensitive sites.

Achievable Depth's

Drilling depth's for this machine vary depending on Geology, Bore diameter and the Method in use but it is generally used for boreholes up to 50m in most ground conditions but can be used to core rock to greater depth's.

The rig stats for access:

- Weight = 9.0 tons / Width = 2.0m / Access Height Mast Down 3.0m / Full Height = 6.5m

Drilling Methods Available to CMV600

Auger Drilling:

The rig can run solid stem augers up to 200mm diameter for quick sampling or open hole drilling, but can also use hollow stem (sometimes called cased auger) systems which allow for in-situ testing and installations into softer unstable strata's

Rotary Coring

The rig can make use of various rotary coring sizes and methods and is easily able to recover cores of 60-108mm diameters in all hard formations

Wire Line Coring

Some of our rigs are set up with fast winch systems to enable wire line drilling in Geo Bore S

Drilling & Casing

Various size odex or symetrix duel drill & case systems can be used on this rig up to a maximum 200mm diameter, these systems are used widely to case of all types of unstable overburden to enable access to lower more competent strata formations whether for environmental or geotechnical site work

In situ Testing

The unit can achieve in-situ SPT's / CPT's and undisturbed samples making use of it onboard winch to operate hammers and sampling equipment

Installations

Once drilling is complete in a size and method agreed the created bore can simply be backfilled or installed with a vast array of ground monitoring instruments as required.

Flush Media

Air, Air mist or Water but Mud's and Polymer flushes can also be used to suit your requirements,