

Options:

- Christie Engineering custom built auger drill rig with linear guided chain driven mast, approx. 3000kg extraction force with planetary gearbox driven chain feed using 1 inch pitch duplex roller drive chain built in 3.1m or 1.8m stroke.
- Tilting mast to fold down the rig when in transit with a pivot point designed with minimal overhang with overcentre load holding safety valve.
- Planetary drive hydraulic drill head, approx. 1000NM @ 100RPM with 2 inch round output shaft. Sub adapter universal joint included 2+. 1 1/8 Hex for use with standard 3.5+augers.
- Atlas Copco LH220 direct push hammer for undisturbed soil sampling with all tooling to fit 50mm soil sampling tubes and 2X50mmX 1.8m sampling tubes included with this option.
- Adjustable hydraulic pressure control to limit the down force on the feed so the vehicle will not be raised up during drilling.
- Pressure gauge on control panel for calculating either auger torque or feed pressure.
- 60L hydraulic reservoir with sight level indicator, spin on oil filter cartridge and suction strainers inside tank.
- Powered by GX690 2 Cylinder Honda petrol power pack, with direct drive twin hydraulic pump arrangement for dual function control without slowing auger rotation.
- 2 Heavy duty custom stabilizer cylinders with larger 50mm chrome rods, custom fitted into the vehicle tray or trailer, OR we can fit a single dump cylinder on the mast to take all the load when drilling, this makes it easier to fit to a standard vehicle tray with little structural modifications (some strengthening will need to be added where the frame is bolted through the tray).
- 25 litre stainless steel fuel tank.
- Hydraulic hose shielding installed on all wear points. (mine spec rigs will need burst protection and must be crimped on during hose manufacturing, this will add extra cost depending on different rig options.
- Emergency stop push button switches and all safety decals included.
- Main parts will be powder coated safety yellow, or specified customers colours within powder coating range.
- Full wrap around mesh safety cage is supplied with all machines with electric interlock safety switch on rotation.

