Products and Services

Autoguide Equipment produce a wide range of solutions and accessories ideal for the Utilities industry. This equipment has been designed and developed specifically with the industry in mind for a wide range of functions, from augering and pole handling through to specialist machines and attachments.

Not only do we sell machines, we also offer services such as hire, demonstrations, fitting and bespoke design.
Front Loader Pole Grab

The Autoguide front loader grab has been designed with the utility contractor in mind, incorporating a large diameter pivot bearing, dual rams and an electric control for the changeover of functions.

A simple mounting system means the same unit can fit to front loaders, tele-handlers and slew machines from 8 tonne to 16 tonne. The grab has been developed to offer the user flexibility for 10 degs below horizontal rotation up to 10 degrees past vertical. This ensures the pole can be positioned accurately on uneven ground.

We offer two sizes of grab, SWL of 600kg and 1300kg for both telecoms, LV and HV fully dressed poles. The grab has been designed for pole removal as well as installation. The high strength jaws ensure a positive grip on the pole for safe removal without compromise.

Specifications

- Weight 1000kg
- Max Pressure 250 Bar
- Working Pressure 215 Bar
- Max Flow 50 l/min
- SWL 1200kg

Crane Mounted Pole Grab

The crane mounted pole grab has been specially designed to allow the operator to utilise a hands free system for loading and unloading poles from the pole dump on to a carrier vehicle.

Our two models offer a safe working system for pole loading and pole stack work along with a manipulation on the more complex unit. Along with the Autoguide quick hitch the grab can be changed over from pole handling to pole augering safely and quickly.
Cable Drum Spreader Bar

Designed for the safe lifting and handling of cable drums and cable laying applications. The lightweight bar allows easy assembly through the drum centre, while all other parts are lifted into place with plant.

A simple pin in position coupler, with adjustment, allows the drum to be held on the bar, ensuring controlled rotation.

Four standard units allow a large variety of drums to be carried.

- Hand-built with great emphasis on quality, strength and efficiency of design.
- Features a lightweight aluminium spindle, within manual handling limits, and quick release collars with simple tool-less assembly.
- Adjustable to suit most drums with a safe working load from 2.5-5T.
- Cable drums rotate freely on bearings to ensure smooth cable unwinding.

Pole Jack

The Autoguide Pole Jack has been designed and produced for many years. It provides a safe, secure, reliable method for extracting utility poles.

The Pole Jack can offer a 10T vertical lift to aid the extraction of old or out of specification poles. This allows the crane to support the pole without overloading.

Specially developed chain grips the pole without damage and will ‘ratchet’ the pole out of the ground whilst keeping the jack vertical.

AB Chance Power Installed Screw Anchors (PISA)

Our sister company ABC Anchors hold stock of a wide range of AB Chance PISA products, including helices, stay rods, couplings and terminations.

Autoguide Equipment also manufacture and supply anchor driving tubes, as well as a wide range of torque heads and screwplies for a complete installation solution.
Crane Mounted Auger and Anchor Drives

Autoguide Equipment is acknowledged as the prime source for crane mounted auger drives, throughout the world. We supply the majority of utilities throughout the United Kingdom, including all of the units for British Telecom along with most electricity supply companies.

**Features**

- High Torque under load
- Reduced shock load
- No offset loading of telescopic boom sections
- Light weight
- Capability to lock unit at low speeds

A PXV Powerhead contains variable speed Axial piston motors, able to cope with high pressures (up to 400BAR) whilst operating at close to 100% efficiency.

Our extensive torque head range includes Variable Speed Powerheads capable of 1500Nm to 250,000Nm with flows of 20 to 200L/min and pressures up to 400BAR.

**Rope Wind-Up**

The crane mounted pole grab has been specially designed to allow the operator to utilise a hands free system for loading and unloading poles from the pole dump on to a carrier vehicle.

Our two models offer a safe working system for pole loading and pole stack work along with a manipulation on the more complex unit. Along with the Autoguide quick hitch the grab can be changed over from pole handling to pole augering safely and quickly.

The Autoguide Rope Wind-Up bracket shown here on a lorry mounted crane with an Autoguide 40,000PXV powerhead, as well as mounted to the Terrain Master TC600 Utility pole erection unit. The rope winds up using the powerhead and is stowed safely for storage and transport.
Hydraulic Fold-Up Bracket

The Hydraulic Fold-Up Brackets have been designed to allow the Powerhead to be stowed for transport and to allow the crane to be used for pole work without removing attachments.

The Hydraulic Fold-Up bracket uses the Quick Hitch system for ease of attachment / detachment from the crane. This will allow the crane to be used to its full capacity.

Autoguide can custom design the interface plates between the fold up brackets and the crane boom to suit any combination of crane and powerhead.

Quick Hitch

The Autoguide hydraulic Quick Hitch is designed to enable attachments for lorry mounted cranes to be changed easily. The Quick-Hitch uses hydraulic power to pull the two parts of the hitch together.

40,000PX Backhoe Mounted Fold-Up Bracket

This bespoke bracket allows the excavator to safely transport and stow Powerheads, Auger and Anchor Drivers.

The Powerhead can be unfolded to allow full articulation for augering. With the backhoe folded, the pole can be planted. The ground anchor drive tube is also kept on the same bracket.

- 9000 Nm Torque
- 450 (18”) Rock Ripper Auger
- 250 Bar Max. Pressure
- Available for all backhoe mounts or 6-8T excavators
Terrain Master TC600

The Autoguide Terrain Master is a track mounted carrier for loader cranes and work platforms aimed specifically at Utility companies. The 7.5 tonne tracked vehicle has a top speed of 11kph and can be registered for road use and features fully compliant lighting.

Full remote control of the chassis and crane was a prime requirement and, when used correctly, adds both safety and productivity to augering operations. Manoeuvring through gateways, confined spaces and loading for transport is simple, safe and accurate.
The Terrain Master has rubber tracks and has been specifically designed to carry either a nine metre/tonne loader crane or a 15 metre aerial work platform.

Two cabs can be fitted for crew travel.

For more information or specifications on our range of products for the utilities industry, please visit our website or call us on the details below to speak to a member of our team.