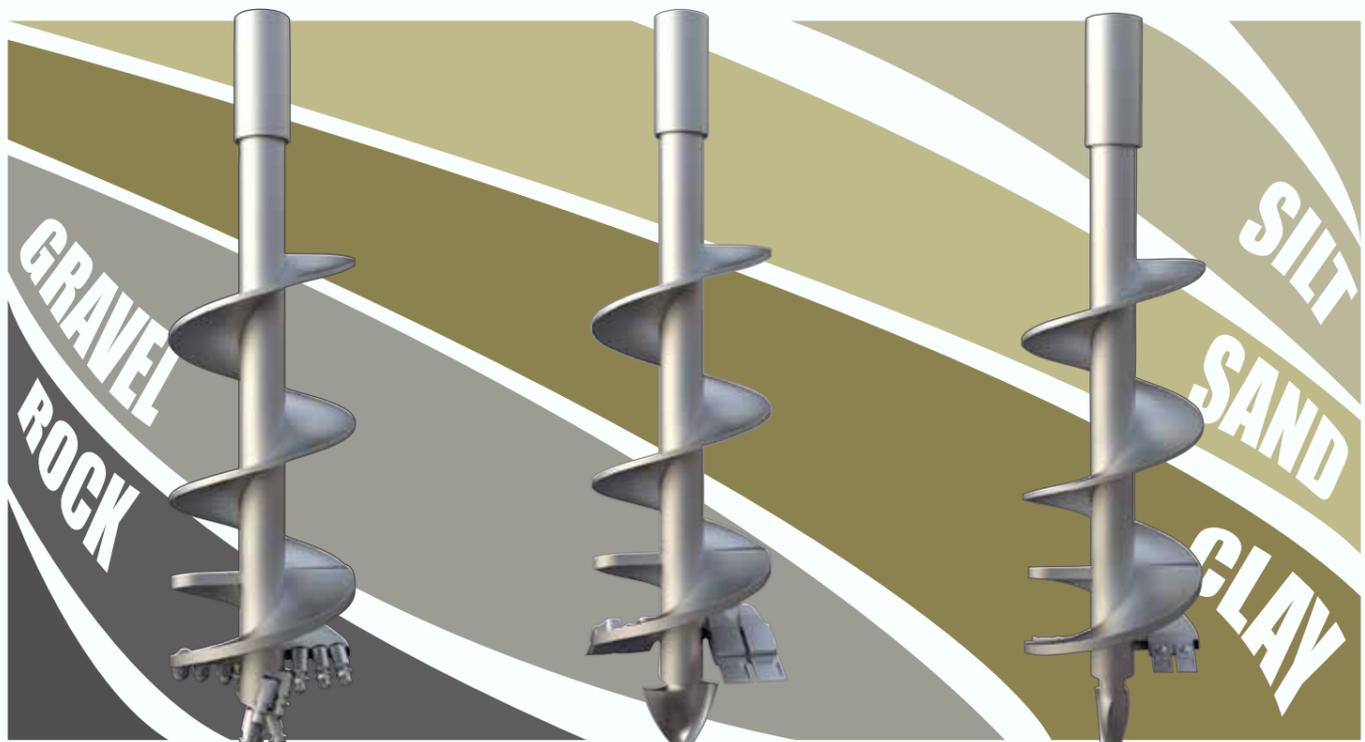


Autoguide offer a range of powerheads fitting machines from 750kg to 50 tonnes, these are capable of augering holes and installing piles in ground with conditions varying from swamp-like conditions to broken rock.



ROCK RIPPER

Designed for drilling solid rock, Rock Ripper Augers come in 1.2m lengths, with an optional 1m extension

0 1

HEAVY DUTY

Designed for drilling in dense gravel and soil, Heavy Duty Augers come in 1.2m lengths, with an optional 1m extension

2 3 4 5

AGGRESSOR

Designed for drilling in loose soil and sand, Aggressor Augers come in 1.2m lengths, with an optional 1m extension

6 7 8

Service/Calibration

We offer an in house dynamometer capable of testing units up to 300kNm and offer a full calibration service for torque heads of any make.

Repair

Our in-house repair and testing service ensures that our products always perform to specification. Units are normally supplied with standard flange output shafts for ease of adaptation to all screw pile connections.

Powerhead Specifications

MODEL	MAX TORQUE	FLOW RANGE	Maximum Pressure
X	80kNm	From 15-150 Litres/min	300 BAR
X2	80kNm	50-600 Litres/min	300 BAR
XV	300kNm	20-600 Litres/min	420 BAR

- X** - Excavator mounted
- X2** - Two Speed Excavator mounted
- XG** - Gimbal excavator mounted
- XV** - Variable speed excavator mounted

Lorry Loader Mounted Auger Equipment

40,000 PXV rope wind-up system

The Autoguide 40,000 PXV has been widely recognised in the telecom and LV industry for many years. This unit was designed to tick all the boxes when used on lorry loaders to keep telecoms running.

The variable speed motor offers high speed drilling and a light weight head to allow the contractors to utilise low capacity lorry loaders to carry out poling duties. Combined with the rope wind up system, the compact package will offer drilling/augering depths of over 3m through a variety of ground conditions experienced on roadside.

This unit can also install PISA anchors.

Specification

	Total Weight	345kg
	Torque	8500NM
	Speed	60RPM
	Flow	40 l/min
	Pressure	275 BAR
	Maximum Auger	18"
	Crane Size	7.5 t/M – 10 t/M cranes

50,000 PXV Hydraulic fold-up system c/w Quick Hitch

The Autoguide 50,000 PXV is used throughout the utility industry for installing large LV and HV poles. As standard, the unit is supplied with an 18" Rock Ripper auger offering great performance in all conditions.

The hydraulic fold up bracket offers a fast and safe system for storing the auger unit along the crane boom or in the bed of the lorry.

The addition of the Quick Hitch allow full utilisation of the crane capacity if required by simply removing the whole auger drive and powerhead from the boom in seconds. Attaching the unit is also very quick allowing the who vehicle to be utilised as a multi tool.

This unit can also install PISA anchors.

Specification

	Total Weight	450kg
	Torque	1250NM
	Speed	60RPM
	Flow	40 l/min
	Pressure	275 BAR
	Maximum Auger	20"
	Crane Size	11 t/M – 27t/M cranes

MODEL	TORQUE (Nm)	FLOW (l/m)	PRESSURE (BAR)	HOLE SIZE (MAX)	GROUND CONDITIONS
40,000 PXV	8,200	40	275		SOIL/CLAY/STONEY
50,000 PXV	12,000	50	275		SOIL/CLAY/ROCK/STONEY
ROCK MASTER	12,000	30	275		SOIL/CLAY/ROCK/HARD ROCK

Rock Master

Autoguide can also offer a more specialist machine. The Rock Master combines the best of both PXV models plus the addition of a vibrating gearbox.

The Rock Master can offer a fast, efficient augering feed to drill through fractured rock in some of the most demanding situations. With the vibrator activated, the whole auger is moved up and down allowing the hardened rock picks to break our rock leaving a clear hole for LV and HV poles. Typically the Rock Master can drill 1m deep 12" diameter in granite in one hour. With vibration off, the same unit can be used for standard soil hols without adaption. This unit can also install PISA anchors.

Specification

 Total Weight	525kg
 Torque	1150NM
 Speed	50RPM
 Flow	50 l/min
 Pressure	275 BAR
 Maximum Auger	18"
 Crane Size	10 t/M – 15 t/M cranes

Autoguide P/Fx Range

1. Backhoe loaders popular for off road utility applications. The 40,000 PXV (90F) offers a fixed speed powerhead capable of auger over 3m deep in most conditions while also offering enough torque to install Pisa Anchors too.

The backhoe mounted storage frame allows the contractor/ operator to carry the anchor drive, powerhead and auger to site safely.

The unit can also be fitted to 6-8 tonne 360° slew machines.

Specification

 Total Weight	350kg
 Torque	9000NM
 Speed	30RPM
 Flow	65 l/min
 Pressure	275 BAR
 Maximum Auger	18"
 Crane Size	7-12 T backhoe . 6 + 8 T 360° slew machines

2. Large Excavators. Autoguide also offer for the large 360° slew machines the 160F. This is similar to the 90F but can fit from 12tonne machines up to 20 tonnes.

Specification

 Total Weight	450kg
 Torque	16,000NM
 Speed	30RPM
 Flow	55 l/min
 Pressure	300 BAR
 Maximum Auger	24"
 Crane Size	12-20T 360° slew machines



Pole Grab

Front loader or larger 360° slew pole grabs.

The pole grab has been specially designed with the operator in mind. 3 position switch changes from Grab – Neutral – Rotate ensuring the correct movement is selected.

The grab can accept poles up to 24" diameter down to 6" diameter with a maximum weight of 1500kg. The rotation angle is 10° below horizontal and 10° past vertical allowing a wider operating window.

The main pivot is a large bearing keeping the movements smooth and defined for live time work. Also offered is the pole support frame to allow transport above the cab off road.

Specification

	Weight	1000kg	Max. pole weight	1500kg
	Pressure	250 BAR	Max. pole diameter	24"
	Flow	20 l/min	Min. pole diameter	6"

Pole Jack

The light weight Pole Jack with heavy weight performance.

The design has been refined over many years in response to user driven feedback.

The large diameter tubular rod provides massive stiffness with minimum weight for ease of use.

The baseplate is fabricated from special high strength Domex steel and has a convenient carrying handle.

The specially developed choker chain and clutch allows the pole to be "ratcheted" out of the ground without banksman intervention for increased safety.

Non wooden holes can be lifted using optional synthetic fibre sling in conjunction with the existing chain.

The jacks 10 tonne force works in conjunction with the crane to avoid crane overload.

Spreader Bar

Previous spreader bars have used a solid steel shaft, on which the cable drum turns. The Autoguide unit uses a tubular aluminium shaft, which is easier to manhandle through the cable reel.

Adjustable stops centralise the reel and precision ball bearings allow smooth unreeling of cables.

Each bearing mount plate has provision for attachment of restraining straps to stabilise the assembly. The nylon drum centralisers accommodate reels with centre holes from 85 to 140mm and are clamped using a simple hand screw.

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