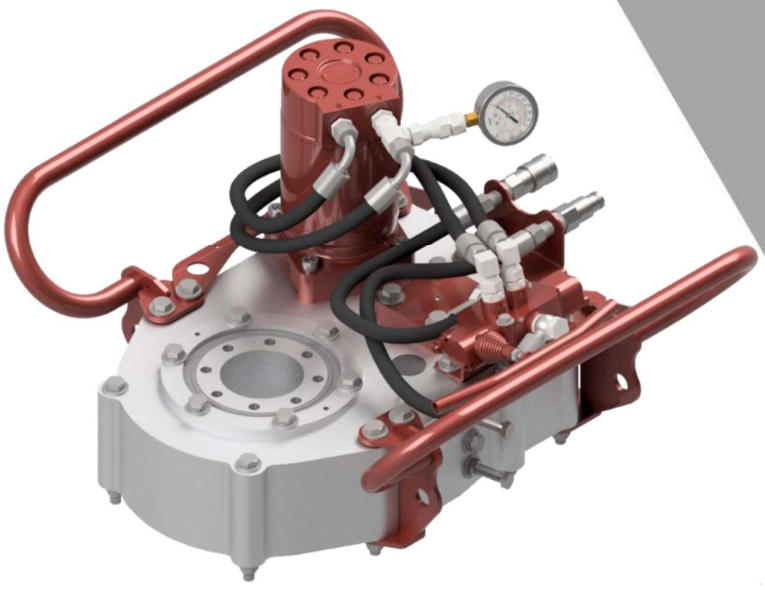
AUTOGUIDE EQUIPMENT

HANDHELD ANCHOR DRIVER

700H

MANUAL

SPARE PARTS



Autoguide Equipment Ltd
Stockley Road,
Heddington, Calne,
Wiltshire, UK,
SN11 0PS
+44(0)1380 850885
www.autoguide.co.uk

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ID: M050 2.0

ORIGINAL INSTUCTIONS

These instructions give safety and operations information regarding the use of the 700H Handheld Anchor Driver supplied by Autoguide Equipment. They contain the relevant information for products:

Product Code	Description	Max Torque *(Nm)*	Weight *(kg)*
49181	700H Anchor Driver	7000	105

To ensure optimum results when operating this equipment, it is very important to read this manual carefully, the information will prepare you to do a better, safer job.

Before operating the machine, you should familiarise yourself with the instructions in this manual. Incorrect use can lead to damage which is not covered by the Warranty Conditions. This may create a dangerous situation or lead to unsatisfactory results.

These operating instructions **MUST** always be made available to the person or persons operating this equipment.

To assist in the ordering of spares, or other communications with our company, the serial number of the relevant equipment supplied, has been recorded below for your information.

Model No: -

Serial No: -

Date of Delivery: -

Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.

Do not allow persons to operate this product until they have read this manual and developed a thorough understanding of how the product works.

The warnings, cautions and instructions in this manual cannot cover all possible conditions or situations that may occur. The operator must apply common sense in their specific use case.

CONTENTS

INFORMATION

Your 700H has been individually built with great emphasis on quality, strength, and simplicity of design and with routine care will give many years of trouble-free operation.

The following instructions have been written to cover the machine. Care should be taken to ensure that you are referring to the correct section of your machine before carrying out any adjustments, or when ordering spare parts.

Like all mechanical products, regular cleaning, lubrication, and maintenance will ensure a longer trouble-free life. These instructions make no attempt to go beyond routine maintenance, and it is strongly advised that you contact your dealer should any major repairs become necessary.

Use only genuine service parts; non genuine parts may not meet standards required for safe and satisfactory operation.

Observe all safety information in the manual and on decals fitted to the machine and power unit.

Warnings

- Improper operation and maintenance of this machine can be hazardous and could result in serious injury of death.
- Operators and maintenance personnel should read this manual thoroughly before beginning operation and maintenance.
- Always keep this manual with the machine and be sure to read and understand it thoroughly before performing operation and maintenance.
- Some actions involved in operation and maintenance of the machine can cause serious accident of they are not done in the manner described in this manual.
- If this manual has been lost or has become dirty and cannot be read, request a replacement manual from Autoguide Equipment Ltd.
- If you sell, rent, or lend this machine to another person, always have that person read the operation manual and make sure that they understand the content of the manual before starting operation. Be particularly careful to ensure that they follow the safety regulations when operating.

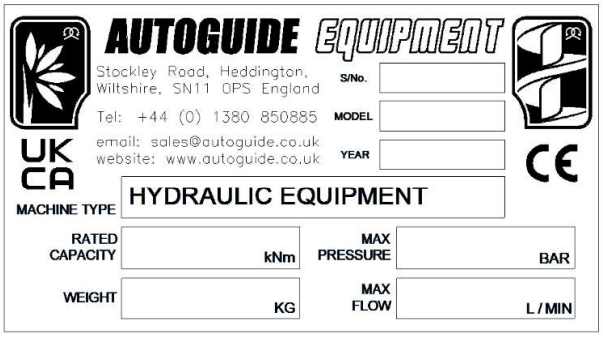
Description

This is a 7000Nm torque capacity, through shaft, screw pile driving unit, for a minimum 3-person operation. The design of the unit enables the pile shaft to pass through the hollow driving hub, so there is no limit to the length of pile that can be driven.

A torque arm mounted onto the base frame prevents the unit from rotating in an anticlockwise direction.

Data plate Information

The machine is fitted with a data plate with the machine specifications and information.



The information for this machine is:

49181 - 700H Handheld Anchor Driver

Model	49181	
Rated Capacity	7	*kNm*
Weight	105	*KG*
Max Pressure	140	*Bar*
Max Flow	30	*L / Min*

DECLARATION OF CONFORMITY

Declaration of Conformity (UKCA Marking)

UK CA

Name & Address of Manufacturer:	Name & Address of person to compile the Technical File:
Autoguide Equipment Ltd, Stockley Road, Heddington, CALNE, Wiltshire, SN11 0PS, UNITED KINGDOM	***Mr Carl Mogg, Design Engineering Manager, Autoguide Equipment Ltd, Stockley Road, Heddington, CALNE, Wiltshire, SN11 0PS, UNITED KINGDOM***

Name & Address of Authorised Representative if one has been mandated by the manufacturer:

N/A

Name, Address, and identification number of the Approved Body, where applicable:

N/A

Description of the Equipment:

49181 - 700H Torquehead Kit

The transposed harmonised standards (Designated Standards BS prefix) used:

EN ISO 12100:2010 - Safety of machinery - Human physical performance - Part 2. Manual Handling of machinery and component parts of machinery

BS EN ISO 4413:2010 - Hydraulic fluid power — General rules and safety requirements for systems and their components

BS EN 1005-2:2003 + A1 2008 — Safety of machinery - Human physical performance - Part 2. Manual Handling of machinery and component parts of machinery

BS EN 1005-4:2005 + A1:2008 - Safety of machinery - Human physical performance - Part 4. Evaluation of working postures and movements in relation to machinery

The British National standards and any technical specifications used (Specify);

N/A

Place of Declaration: ***Calne, United Kingdom***

Date of Declaration: ***12th Dec 2024***

I declare that the above equipment meets the Essential Health and Safety requirements of the Supply of Machinery (Safety) Regulations 2008 and 2006/42/EC Machinery Directive

Name: **Mr Robert Robinson**	
Position: **Managing Director**	

MACHINE SAFETY

The machine is fitted with numerous safety stickers highlighting the potential dangers. Please take note of these warnings as they are there to protect from dangers.

Operator Manual Must be read before operation.

Toe Protection Footwear Mandatory

Hard Hat Mandatory

High Visibility Clothing Mandatory

Eye Protection Mandatory

Gloves Mandatory

General Warning

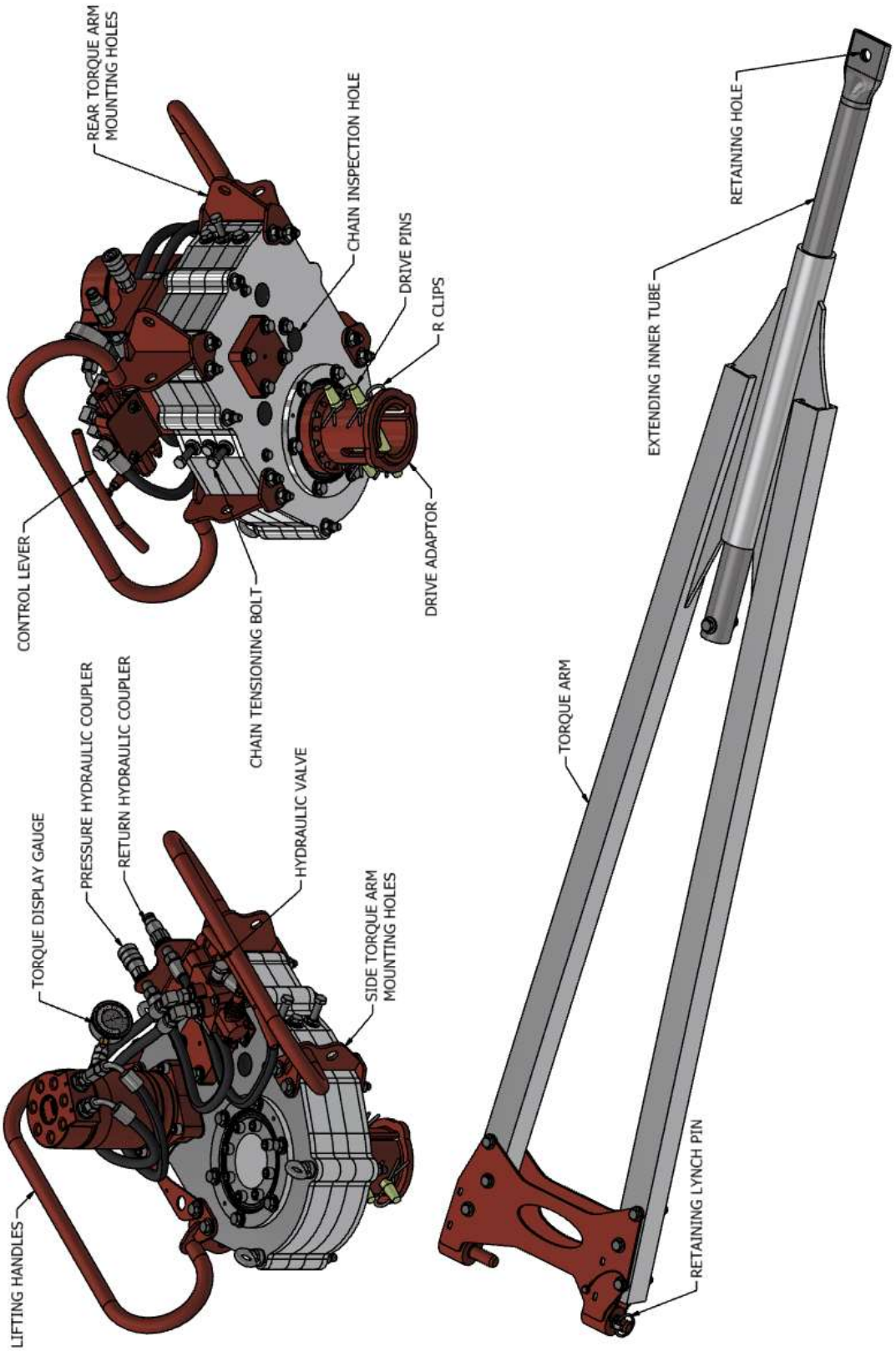
Danger Moving Chain. Can Crush and Cut.

Manual Handling required. Always lift properly.

Crush Hazard. Keep Hands Clear of Moving Parts.

Rotating Parts – Keep Clear

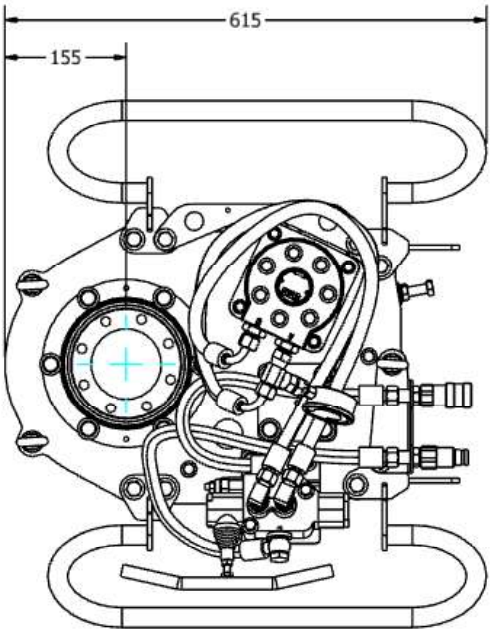
MACHINE FAMILIARISATION

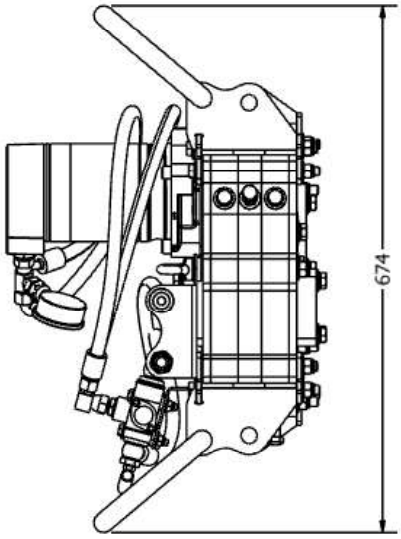


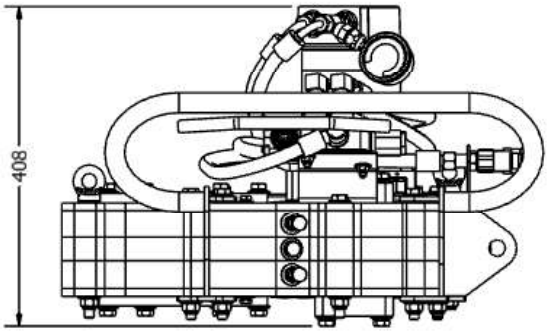
TECHNICAL DATA

Dimensions

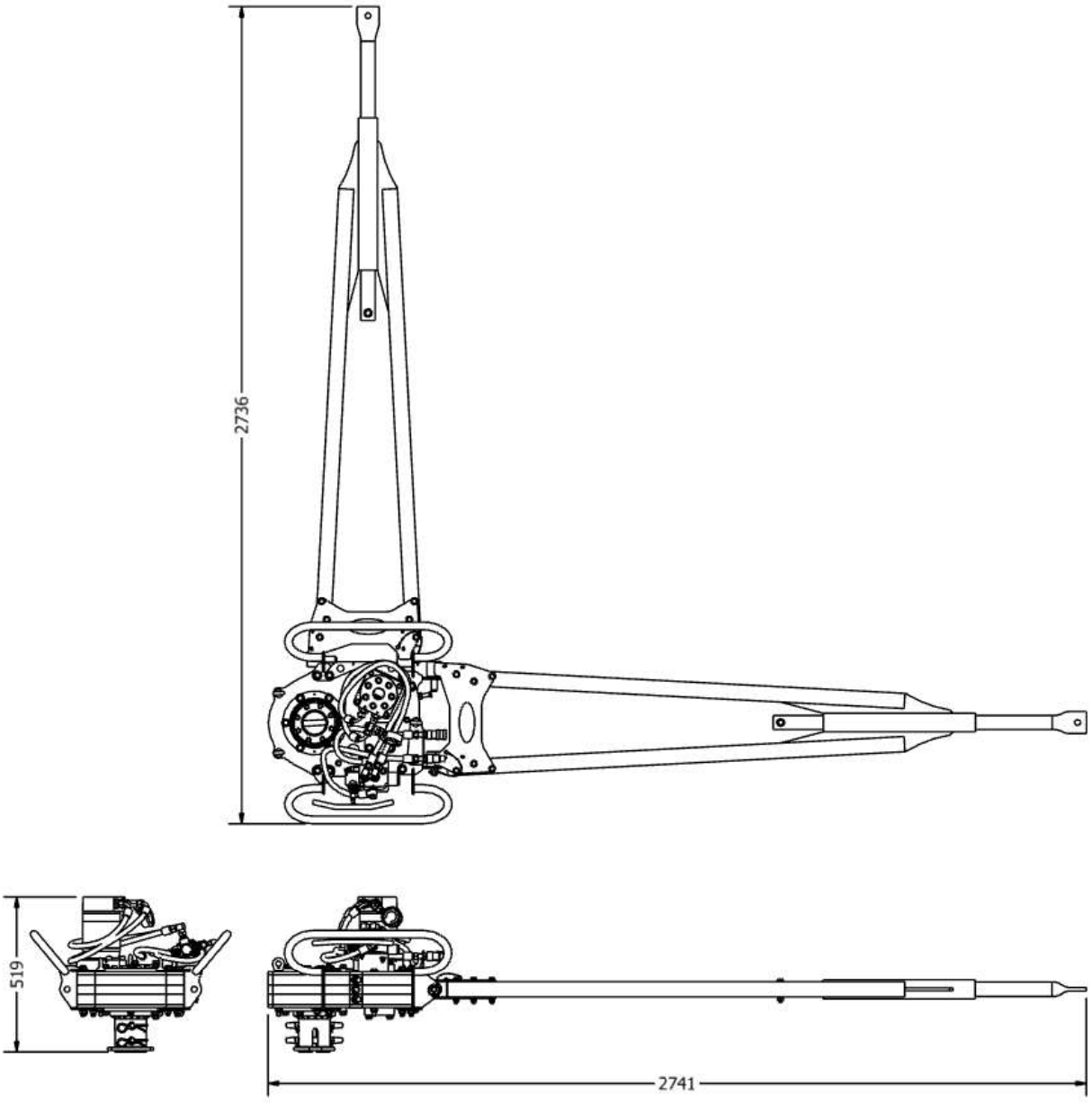
700H







700H with Driver and Torque Arm



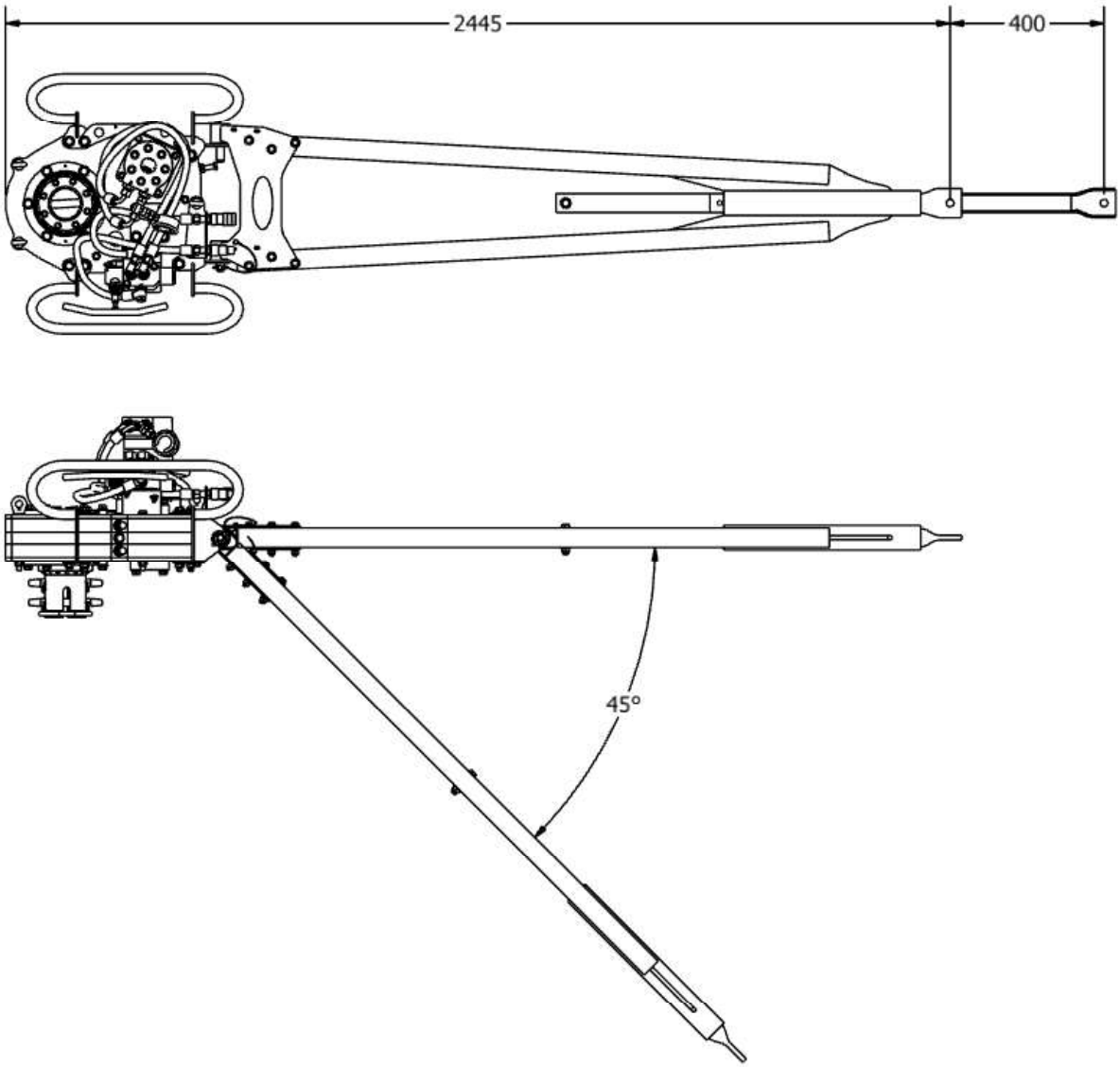
Weight

The weight of the 700H including arm and adaptor is 105kg.

The weight of the drive adaptor is 6kg.

The weight of the Torque Arm is 22 kg.

Freedom of Movement



MACHINE OPERATION

General Precautions

Failure to follow these general safety precautions may lead to a serious accident.

The safe operation of this machine is the responsibility of the operator, who should be familiar with the principles of pile installation, the power unit, and all safety practices before starting operations.

Safety Rules

- Only trained and qualified personnel or personnel authorised by the company (or superior) can operate and maintain the machine.
- Read and understand this operator's manual prior to operating the machine and keep it in a convenient place for future reference.
- Follow all safety rules, prohibitions, precautions, procedures, and instructions when operating or performing maintenance on the machine and pay careful attention to safety.
- Operating the machine when you are not in good physical condition reduces the power of judgment needed to avoid danger and leads to accidents.
- People in the following conditions should not operate the machine.
    - People who cannot operate normally because they are ill or suffering from the effects of medication.
    - People who have been drinking
    - Pregnant women
- All oil spills, however small must be cleaned up straight away to prevent becoming a slip hazard.
- Ensure daily checks are completed prior to machine use.

Safety Features

- Be sure that all guards and covers are in their proper position. Have guards and covers repaired if damaged.
- Improper use of safety features could result in serious bodily injury or death.

Personal Protection

- Always wear properly fitting clothes which allow ease of movements.
- Avoid loose clothing, towels, jewellery, and loose long hair. They can catch on controls or in moving parts and cause injury or death.
- Also, do not wear oily clothes; they pose a fire hazard.
- Wear a hard hat, eye protection, non-slip safety shoes and gloves when operating or performing maintenance on the machine.

- It is advised that no untrained persons be allowed on the site whilst the machine is in operation.

How Not to Use the Machine

- The machine should only be used for its intended purposes.
- The machine should always be used with the torque arm attached.
- The torque arm must always be anchored against or to something suitable. The load on the end of the torque arm must be able to support 600Kg so a suitable anchoring point is required.

Unauthorised Modification

- Any modifications made without authorisation from Autoguide Equipment can adversely affect the performance of the machine and they may also create hazards.
- Before making a modification, consult Autoguide Equipment. Autoguide Equipment will not be responsible for any injury or damage caused by any unauthorised modification.

Noise and Vibration Reduction

The 700H is powered via an external hydraulic powerpack and comes supplied with two 10m hoses. This is so that the powerpack can be positioned away from the operators to reduce their exposure to noise.

Operator Position

- The operator should be stood to the side of the machine, with the ability to control the handle easily without restrictions.
- Any additional trained installer should stand on the opposite side, to aid stability of the rig and help the operator keep the pile straight during installation.
- See also section 5 & 6 which shows the ‘danger zone’ where the operator should not stand during piling.

Preparation

Before using the 700H, all daily checks should be completed as detailed in Daily Service Items on page 30.

The 700H comes supplied with hydraulic hoses of 10m length. Therefore, it is suggested that the powerpack is placed away from the installation site to reduce the exposure the installers have to the noise.

Screwpile Installation

Prior to use of the 700H for a screw pile installation, it is recommended to cordon off the immediate vicinity to a minimum of 5m from the location of the Screwpile. This area should be clearly marked to prevent unauthorised or untrained personal from entering the work area. Anyone in the work area should have the appropriate PPE on as detailed in this manual.

With the installation of Screwpile, it is recommended to undertake a complete ground survey prior to installation to reduce the chance of unexpected situations whilst installing. This includes but is not limited to utility services, existing foundations, and tree roots for example.

Set Up

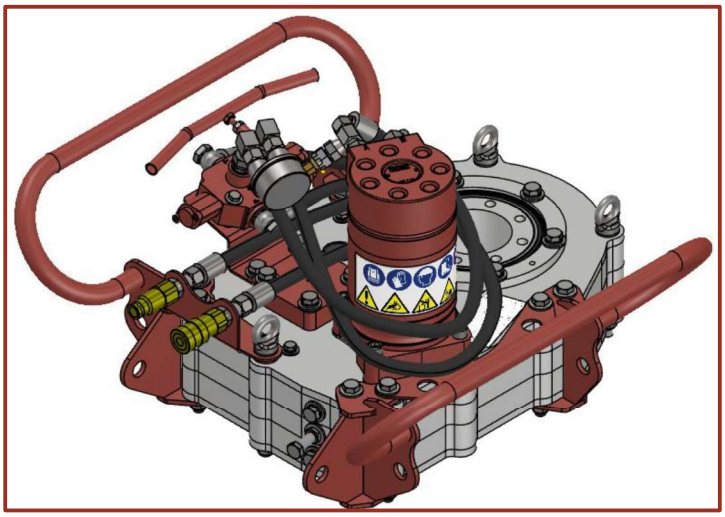
Machine Requirements

The hydraulic requirements of the powerpack to power the handheld powerhead are 30 Litres per minute and 140 Bar.

Hydraulic Attachment

1. Clean the hydraulic quick couplers on both the powerhead and end of the hydraulic feed hoses.

   The couplers are located on the rear of the powerhead, shown highlighted yellow in the image.



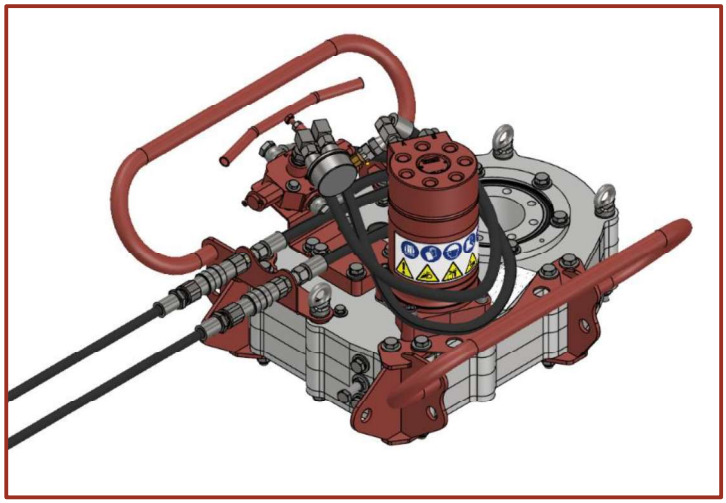
Not cleaning the quick couplers may enable dirt to enter the system and damage the hydraulic motor and valve, reducing performance and efficiency.

2. Connect the hoses to the powerhead, ensuring that the couplers spring shut and twist to lock.

   The powerhead is fitted with ½" Flat Face Quick Couplers as standard.

   The female coupler on the powerhead is for the pressure line.

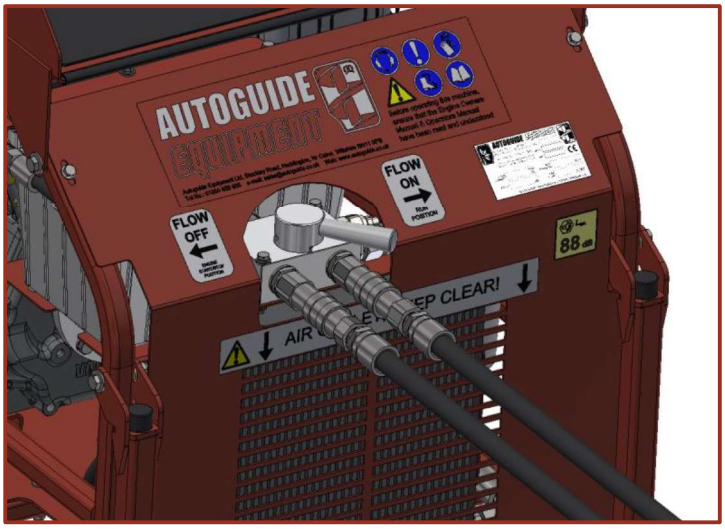
   The male coupler on the powerhead is for the return line.



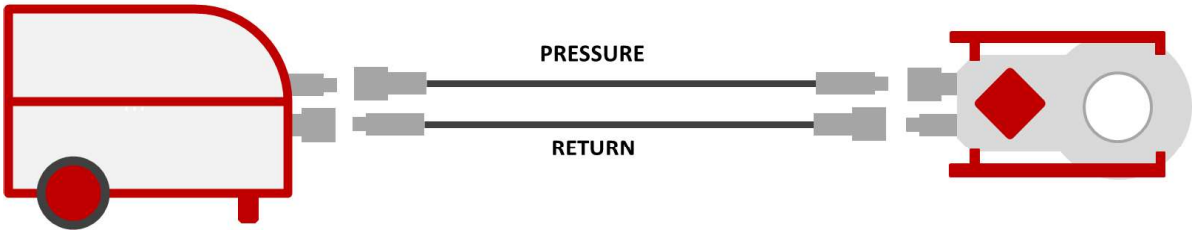
3. With the powerpack switched off, ensure the system is depressurised by moving the On/Off lever to the *On* position.

4. Clean the quick couplers on both the powerpack and hydraulic feed hoses.

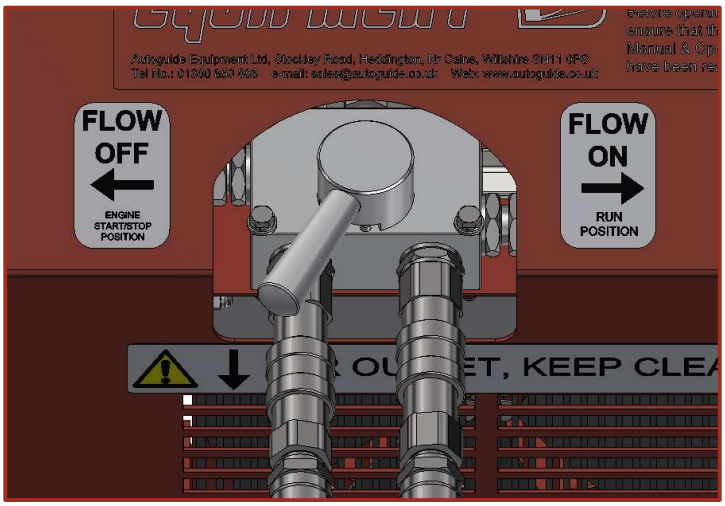
5. First connect the return line to the powerpack, followed by the pressure line. Ensure the quick couplers seal and twist to secure.



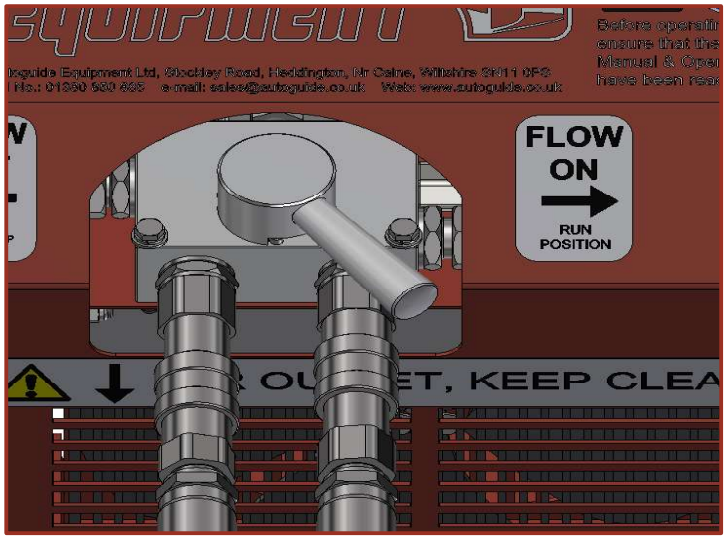
6. The set up should look like:



7. Move the On/Off lever to the *Off* position.



8. Start the powerpack and move the lever to the *On* position.



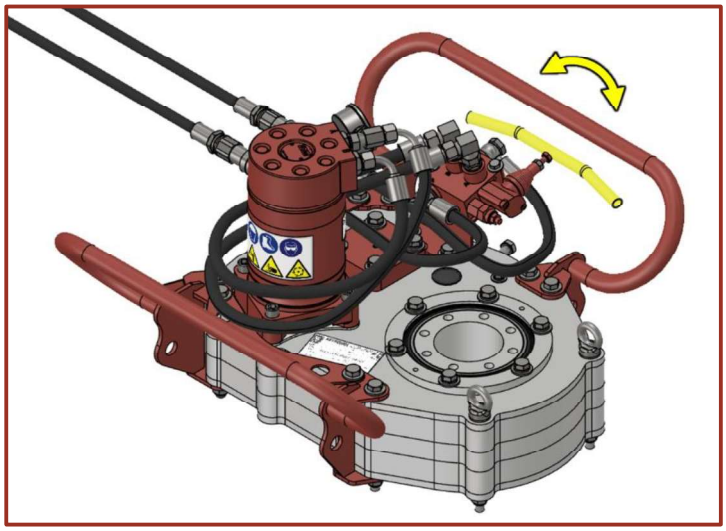
Ensure all bystanders are standing clear and that no anchor is attached to the powerhead.

9. Test the function of the 700H using the handle.

   Operate in both directions and check that the attached driver rotates.

   Moving the lever away from the motor (to the right in the image) will turn the drive clockwise, installing the anchor.

   Moving the lever towards the hoses and quick couplers (to the left in the image) will turn the drive anticlockwise, removing the anchor.

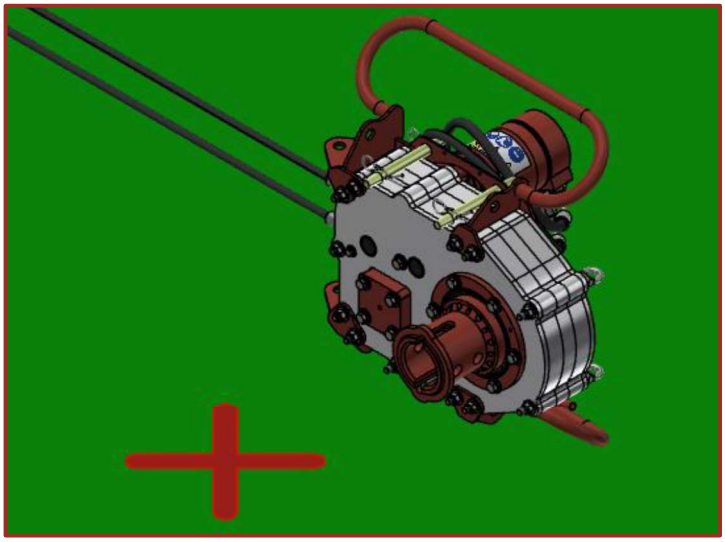


10. Turn the flow lever to *Off* and switch the powerpack off.

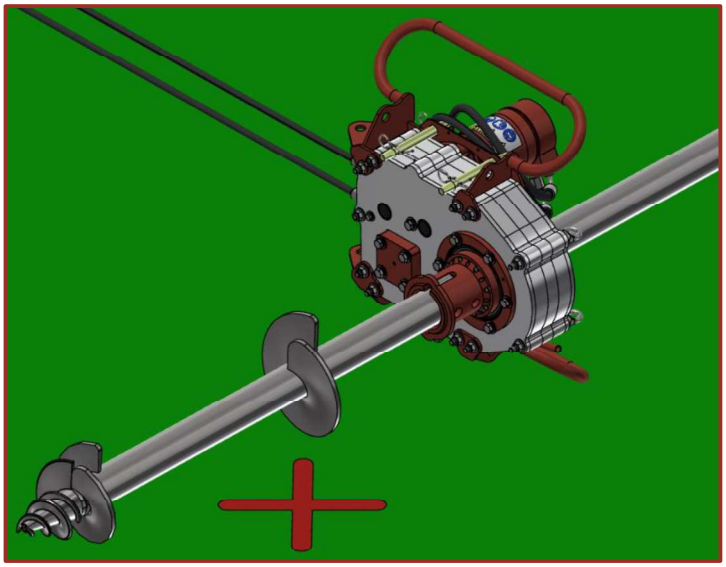
Installing an Anchor

1. Lay the powerhead on its side on the ground and remove the drive pins from the drive adaptor.

   Use the pin retaining holes on the 700H to store the pins to prevent them being misplaced.



2. Insert the screwpile into the bottom of the drive adaptor and locate the lugs welded to the side of the anchor in the slots on the drive adaptor.

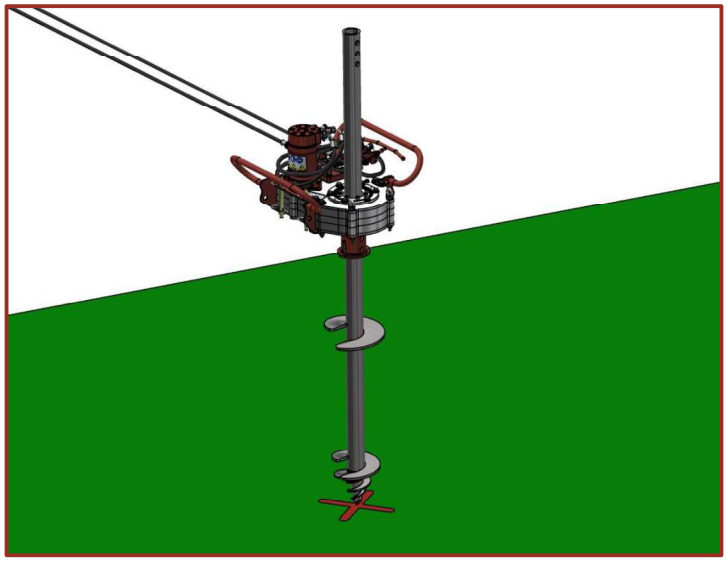


Ensure good manual handling practises are used when lifting components. Handles are available on both sides of the 700H for manual handling.

3. Stand the assembly up and position so that the point of the screwpile is located where the pile is required to be installed.

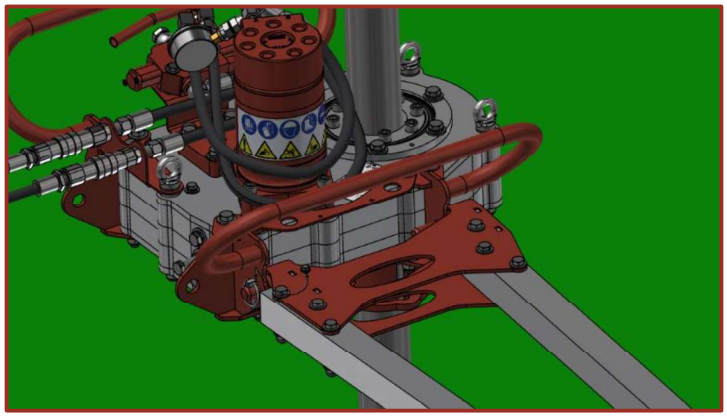
   This is a 3-person operation.

   If the ground is soft the anchor and torquehead assembly can be pushed downwards to penetrate the ground.



4. Attach the torque arm to the 700H, ensuring that the retaining lynch pin is used to retain the arm and prevent it becoming detached.

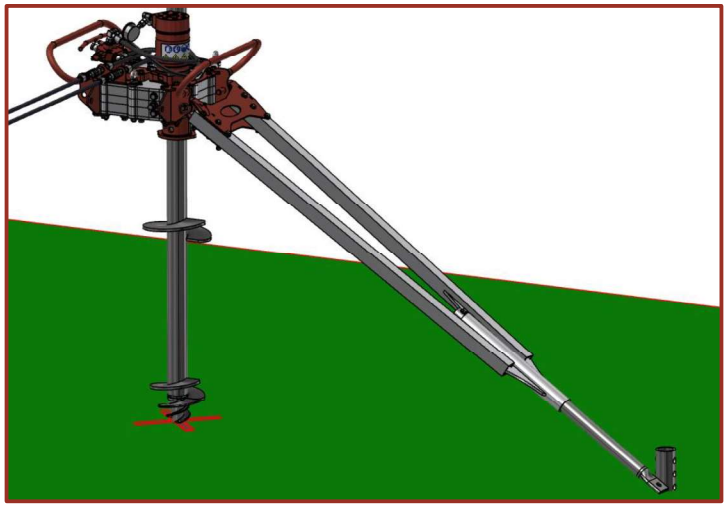
   The orientation of the torque arm is very important – it should be fitted in from the right to counteract the clockwise installation of the screwpile.



5. Extend the inner section of the torque arm and retain the bottom with a suitable anchor point.

   The bottom of the torque arm should be restrained to the anchor point using a strop or similar to prevent detachment or slipping.

   Note The arm reaction depends on if the screw pile is being installed or removed. When the pile is being installed the arm will be on the side shown, when unscrewing a pile, the arm should be transferred to the opposite side of the anchor. The 'danger zone' is also filled for unscrewing.



The retaining anchor point must be a suitable object capable of withstanding 600kg of force.

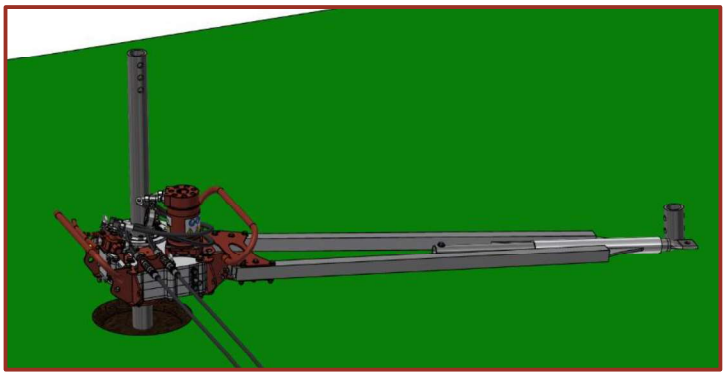
During installation, the torque arm will provide the resistance for the 700H to act against. Therefore, the operator must not stand in the 'danger zone' highlighted below in case the anchoring of the torque arm fails.

6. Ensuring that the immediate vicinity is clear of bystanders, and that there is nobody in the 'Danger Zone' highlighted above the screwpile can be installed. Using the handle to operate the 700H, install the screw pile until torque head reaches ground level.

   The installation torque and pressure can be read from the gauge fitted to the 700H.

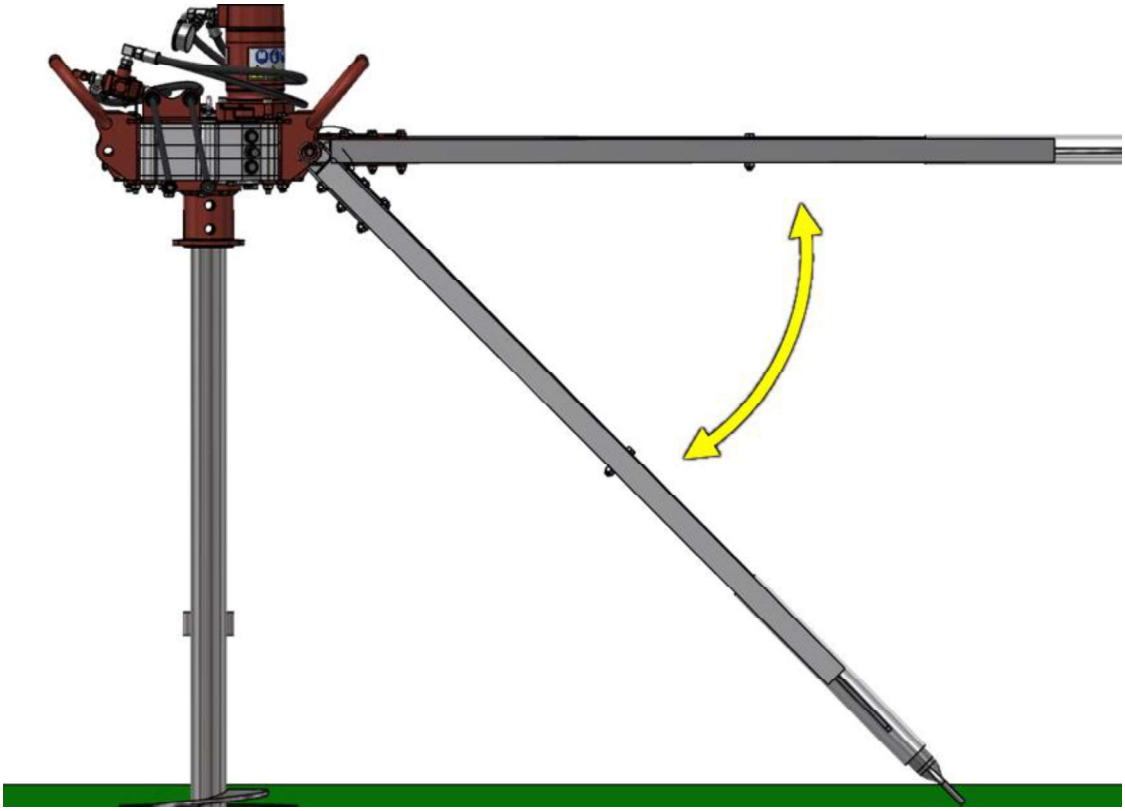
   Pulling the right side of the control lever towards the handle will turn the drive clockwise, installing the anchor.

   Pulling the left side of the control lever towards the handle will turn the drive anticlockwise, removing the anchor.



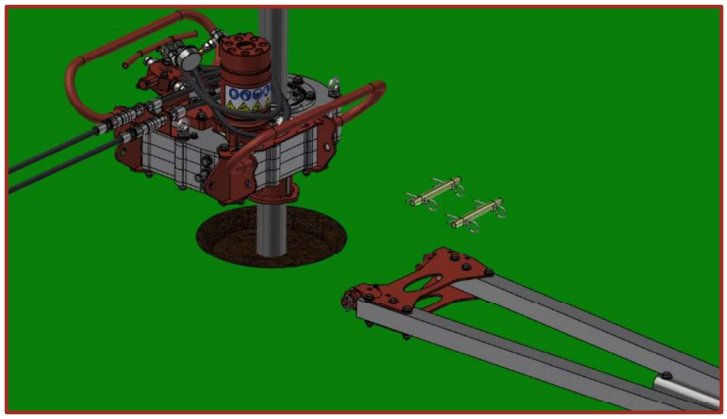
During installation, it is important to monitor the torque arm to ensure that it moves smoothly and remains anchored at all times

The torque arm is designed to work from the horizontal through 45°. It must not be used with the torquehead higher off the ground, thus increasing the angle nor with the torquehead below ground and the torque arm greater than the horizontal.



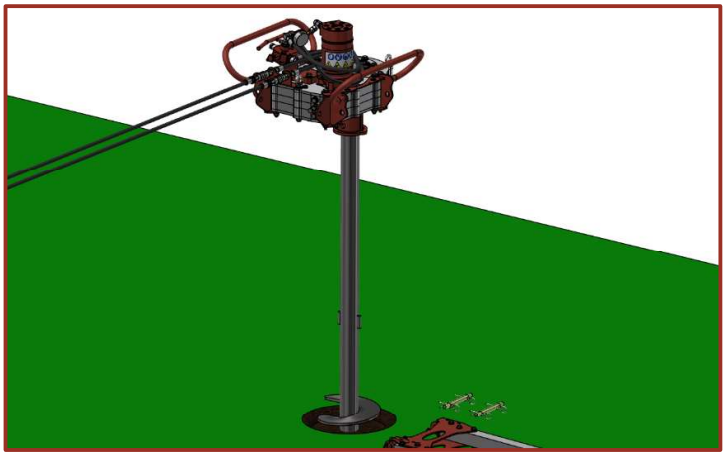
7. Remove the torque arm from the 700H, and place to one side.

   Remove the drive pins from their stowage position ready to attach the top of the screwpile to the driver.

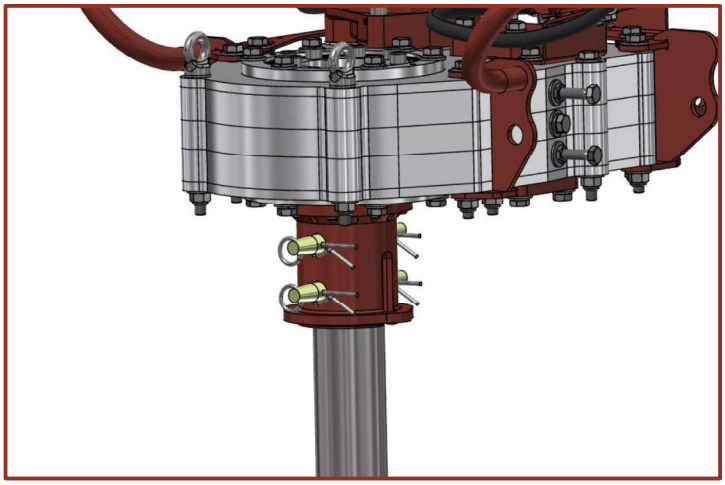


8. Raise the 700H to the top of the screwpile.

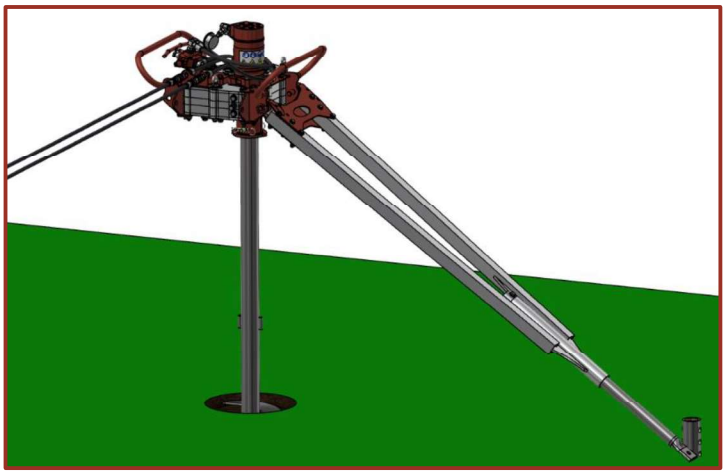
   If raised without rotating the 700H, the holes in the drive should align with the holes in the screwpile.



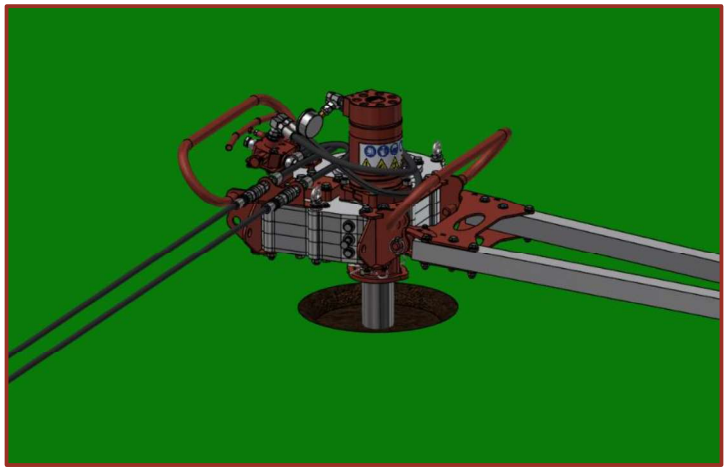
9. Insert the drive pins through the holes in the driver and secure with the R Clips to attach the 700H to the screw pile.



10. Reattach the torque arm to the 700H, securing the lynch pin through the torque arm placing the extending box section next to a suitable anchor and securing with a strop or similar as above.



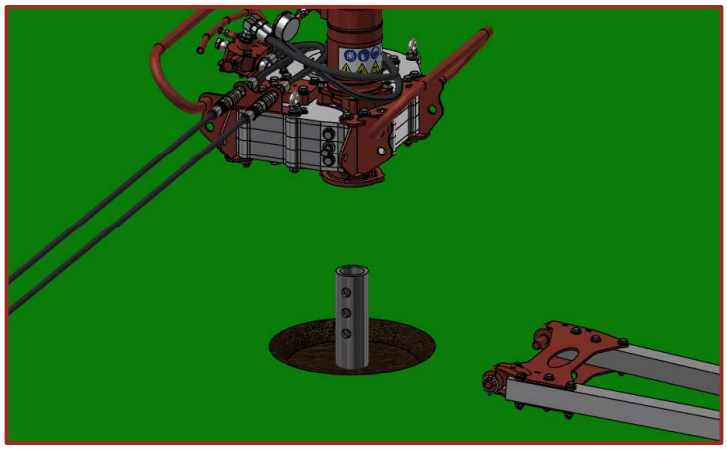
11. Continue to install the screwpile until the desired height is reach or the 700H reaches ground level.



12. Remove the torque arm from the 700H.

    Next remove the R clips and drive pins from the driver to disengage from the screwpile. Secure though the stowage holes on the 700H handles to prevent loss.

    Remove the 700H from the pile, lifting vertically.



13. If installing extensions, repeat the process ensuring that they are installed in steps of 1m to prevent the 700H having to be raised above 1.2m and the torque arm angle becoming too acute as detailed above.

Transportation

To transport the 700H, all pins must be securely stored and attached to both the torque arm and driver.

- Ensure the drive pins and R clips and placed through the driver and secured each side, or through the pin stowage holes on the 700H body.
- The torque arm inner section should be fully inserted into the main body of the torque arm and secured with the locking pin.

Always ensure that appropriate methods of strapping are used to prevent unwanted movement during transport such as ratchet straps.

If using an Autoguide Equipment powerpack, it is supplied with a tray and bracket to hold the 700H and torque arm. Place the 700H on the tray, ensuring the driver goes through the hole so the body of the machine sits flat on the tray.

For the torque arm, slide the lugs that attach the torque arm to the 700H into the bracket across the rear box section, before lifting the arm up and stowing in the bracket on the side.

If being transported separately from an Autoguide Equipment powerpack, it is recommended to remove the driver to ensure the machine sits flat and is stable.

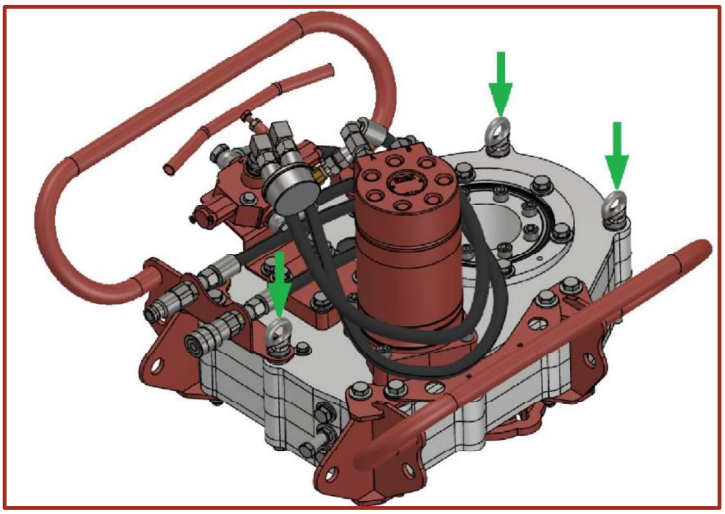
OPTIONAL ACCESSORIES

700H Lifting Kit

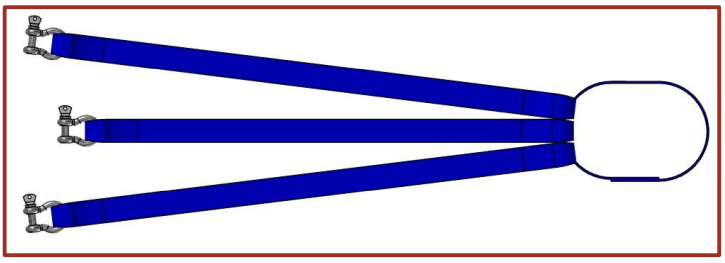
Fitting Instructions

This lifting kit is only to be used to support the weight of the 700H and should NOT be used to extract anchors.

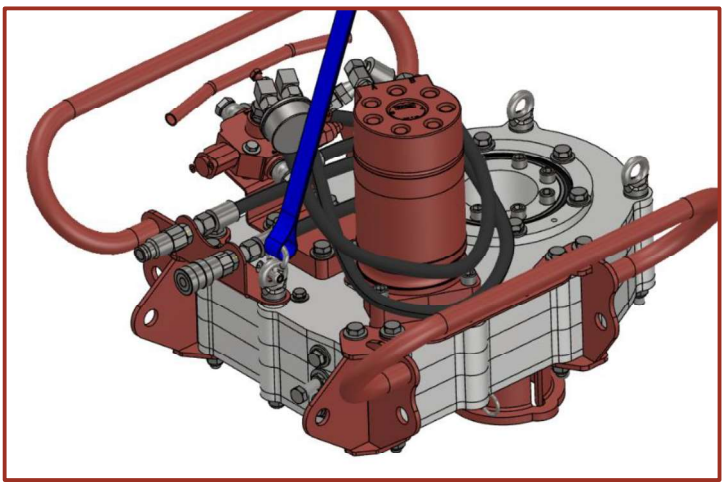
1. Ensure that the 700H is fitted with lifting eyes.



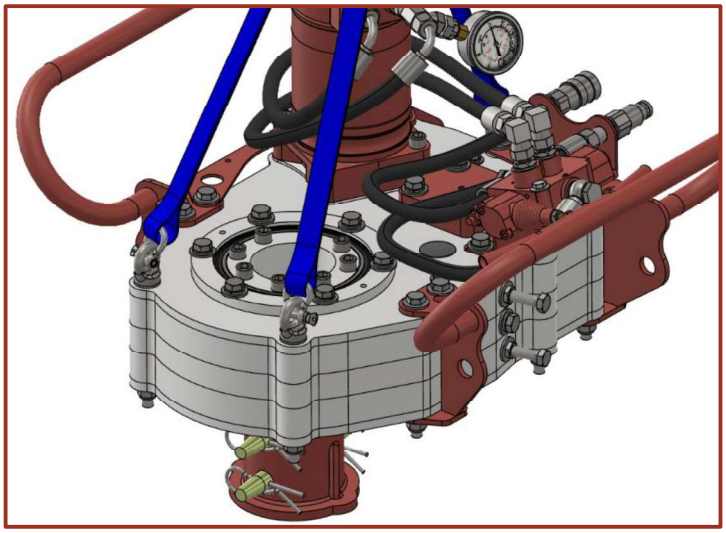
2. The lifting kit has three legs, one of which is slightly shorter than the others. Ensure that this shorter leg is in-between the other two.



3. Using the bow shackle on the shorter leg, attach it to the lifting eye on the 700H that is next to the hydraulic quick couplers.



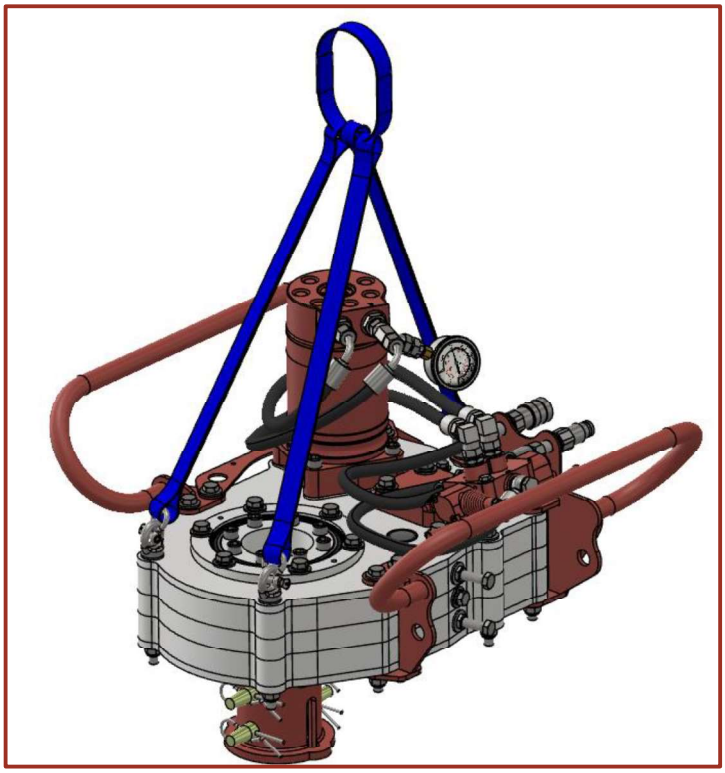
4. Attach the other two legs to the remaining lifting eyes with the bow shackles.



Ensure that the legs are not twisted or crossed over.

Ensure that the bow shackle bolts are tightened.

5. The 700H can now be lifted using the webbing master link.



Only lift using the webbing master link; lifting from any other point will cause the 700H to be unstable.

SERVICE INFORMATION

Service Schedule

The service schedule of machine items is as follows:

Service Item		Service Interval			
		10 Hours *Daily*	50 Hours *Weekly*	200 Hours *Monthly*	1000 Hours *Annually*
Hydraulics	Hydraulic Oil Level	Visual Inspection			Change
	Hydraulic Hoses	Visual Inspection			Thorough Examination
	Quick Couplers	Visual Inspection			
Other	Fasteners	Visual Inspection		Re-Torque	
	Clips and Pins	Visual Inspection			
	Chain	Visual Inspection	Grease		Thorough Examination
	Wear Pads		Inspect		Thorough Examination
	Wear Pad Tensioning Bolts		Inspect		
	Torque Head Calibration				Calibrate
	Metalwork	Visual Inspection			Thorough Examination

Daily Service Items

700H Daily Check Sheet

Serial No. _____ Date _____

Name _____ Signature _____

Item	Description	Tick
Bolt Torque	*All tight and present. No signs of corrosion.*	
Chain Inspection	*Chain Tension correct and chain greased*	
Hydraulics	*All hoses in good condition. No leaks*	
Quick Couplers	*Couplers in good condition and free from dirt*	
Clips and Pins	*All pins present, in good condition and functioning as designed*	
Metalwork	*All in good condition, handles straight, holes round and not elongated. No broken welds*	
Torque Arm	*Inner Box slides, all pins present and attached, lugs in good condition.*	

Bolt Tightening

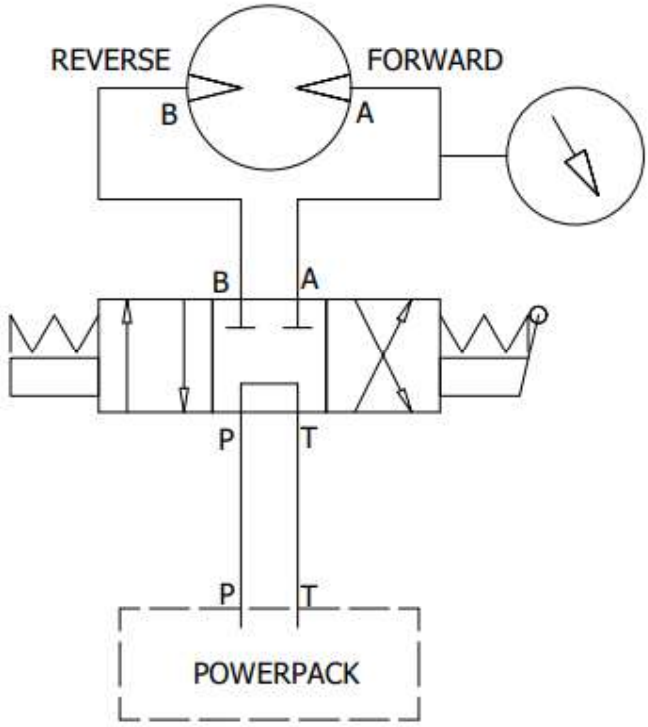
Due to the nature of the environment in which the 700H is used, it is possible the bolts can work loose during operation. It is therefore critical that all bolts and grub screws are re-torqued at regular intervals.

If tightening the bolts, please use the torque values listed in the table below.

Bolt Size	**Tightening Torque** *(Nm)*		
	Hex Head Bolt *Grade 8.8 – Zinc Plated*	Cap Head Bolt *Grade 12.9*	Bolt in Aluminium Tapped hole
M6	8	16	6
M8	20	40	17
M10	40	80	33
M12	70	140	60
M14	112	225	94
M16	175	350	-
M18	241	480	-
M20	341	680	-
M24	590	1150	-
M30	1171	2300	-

Hydraulic System

Hydraulic System Schematic



Hydraulic Oil

The machine is powered by Hydraulic Oil. Clean oil and filters are essential for reliability and performance.

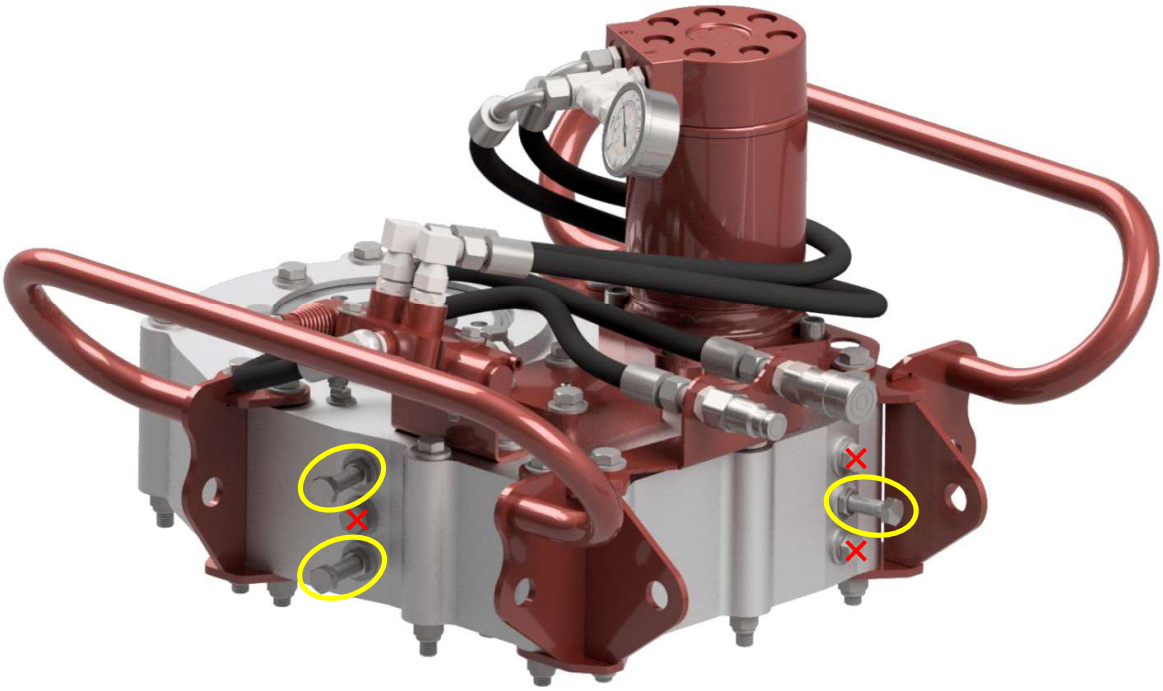
The machine runs on **HLP 46 Grade Hydraulic Mineral Oil**. Make sure your powerpack contains the correct grade.

Drive Chain Tension

Operating the valve directs this flow to the motor which drives the hollow centre sprocket via 3 chains. The chains must be kept tight; an aperture in the chain case allows you to check the tension and adjust as & when necessary.

Each chain is tensioned with a plastic wear pad inside the driver. Tension is adjusted via the tension bolts that protrude from the side of the case, as shown circled below. Turning the bolts clockwise will push against the chain and therefore increase tension. It is important not to overtighten these bolts; in most cases tightening by hand is sufficient. Once adjusted the lock nut must be tightened to prevent losing adjustment.

Note: The two tensioning bolts on the same side must be set at the same distance from the body to ensure both chains work equally.



Inspection holes are present on the top and bottom of the 700H driver. These are covered with plastic plugs to prevent debris from entering the driver. If removed, these plastic plugs must be reinstalled before use.

Lubrication

The drive on the 700H is achieved using a chain which needs to be greased regularly. Inspection hatches are included on the body that can be removed to inspect the chain but must be replaced after inspection to prevent risk of entrapment.

Risk of entrapment in the chain. Do not put fingers inside the machine through the inspection holes.

Gloves required when handling the chain.

To grease the chain, it is recommended to use a generic chain spray lubricant that can be applied through the inspection hole. With the inspection plugs removed, spray the lubricant onto the chain. Ensure that no foreign objects enter the housing.

Wear Pads

The chain tension is maintained via a tensioner block. This is visible through the chain inspection hatch to allow wear to be determined.

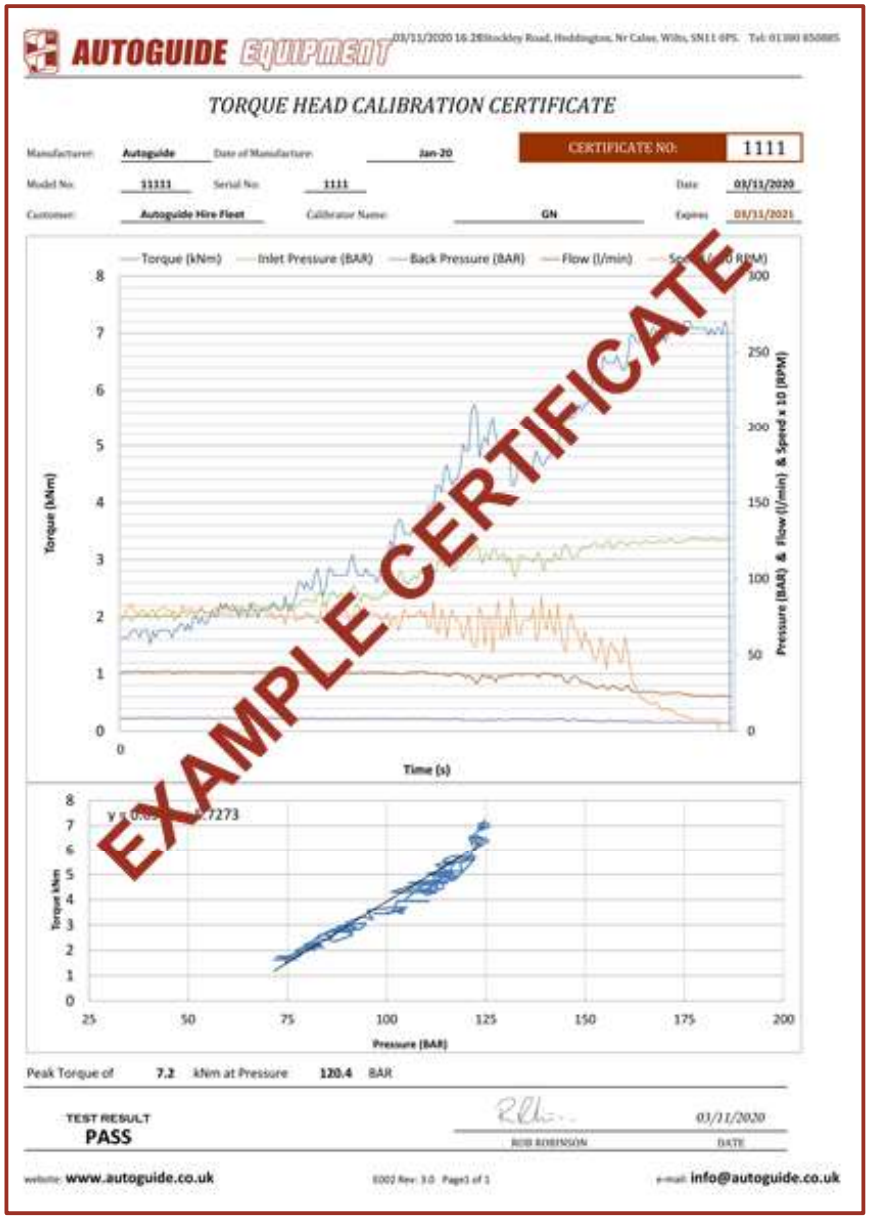
The tensioner block cannot be replaced without disassembly of the machine. The 700H needs to be returned to Autoguide for replacement.

Calibration

Each 700H is supplied with a Torque Head Calibration Certificate showing the performance of the individual unit. To ensure the continued life and quality of work of the driver, the 700H handheld must be returned to Autoguide Equipment at yearly intervals for testing and calibration.

Hydraulic motor performance changes over time, a calibration will ensure that the correct torque is being produced and that the gauge matches this performance. This in turn will ensure that anchors are installed correctly to the specified torque at each job by the operators.

Note: Each certificate states the expiry date for the unit's calibration. The unit should be returned to ABC Anchors for calibration before this date.


AUTOGUIDE EQUIPMENT
03/11/2020 16:28
Stockley Road, Heddington, Nr Calne, Wilts, SN11 0PS. Tel: 01380 850885
TORQUE HEAD CALIBRATION CERTIFICATE
Manufacturer: Autoguide
Date of Manufacture: Jan-20
CERTIFICATE NO: 1111
Model No: 11111
Serial No: 1111
Date: 03/11/2020
Customer: Autoguide Hire Fleet
Calibrator Name: GN
Expires: 03/11/2021
Torque (kNm)
Inlet Pressure (BAR)
Back Pressure (BAR)
Flow (l/min)
Torque (kNm)
Pressure (BAR) & Flow (l/min) & Speed x 10 (RPM)
Time (s)
Torque kNm
Pressure (BAR)
EXAMPLE CERTIFICATE
Peak Torque of 7.2 kNm at Pressure 120.4 BAR
TEST RESULT
PASS
03/11/2020
ROB ROBINSON
DATE
website: www.autoguide.co.uk
e-mail: info@autoguide.co.uk

TROUBLESHOOTING

Symptom	Possible Cause	Action
No Rotation of powerhead	No oil flow	Check that quick release couplers are correctly engaged and locked together. Check that powerpack hydraulic system is operating correctly and has sufficient oil of the correct grade.
	Pressure relief valve set too low	Check Pressure Relief valve on powerpack to ensure sufficient pressure is allowed before relieving.
	Broken or damaged chain	Return the powerhead to Autoguide Equipment for assessment.
	Broken or failing motor	Return the powerhead to Autoguide Equipment for assessment.
Unexpected Rotation	Spool Valve leaking	Replace the spool valve
	Spool Valve not returning to neutral	Replace the spool valve
	Excessive Hydraulic Flow	Check the specification of the powerpack to ensure output is correct for torquehead
Slow rotation	Insufficient oil flow from powerpack	Check that powerpack hydraulic system is operating correctly and has sufficient oil of the correct grade.
	Hoses too small for flow	Ensure ½" Hydraulic feed hoses are being used to reduce back pressure.
	Broken or failing motor	Return the powerhead to Autoguide Equipment for assessment.
Powerhead stalls during operation	Powerpack pressure relief valve faulty or set too low	Check Pressure Relief valve on powerpack to ensure sufficient pressure is allowed before relieving.
	Restricted oil flow	Check for damaged or incorrect hydraulic hoses and connections.
	Blocked hydraulic filter	Change powerpack filter and oil.
	Back pressure too high	Ensure ½" Hydraulic feed hoses are being used to reduce back pressure.
	Pump damaged or failing	Check flow on powerpack to ensure sufficient flow from pump.
	Broken or damaged chain	Return the powerhead to Autoguide Equipment for assessment.

	Broken or failing motor	Return the powerhead to Autoguide Equipment for assessment.
Rotation Jerky	Cold oil	Let powerpack run with the flow on to allow time for the engine and oil to warm up
	Air in pipes	Check oil in powerpack reservoir.
Oil leaks	Loose Fittings	Check and tighten hydraulic fittings.
	Damaged Hoses	Replace if leaking. Ensure suitable hose of the correct pressure rating is used.
	Pressure Too High	Ensure powerpack supply is suitable for the machine specifications and that they do not exceed the maximum flow and pressure on the data plate.
Torque arm doesn't slide	Inner extending box section is bent or jammed	Return Torque arm to Autoguide Equipment for repair or replacement.
	Torque arm box is full of dirt	Clean inside of torque arm using jetwash or similar to ensure inner box is free moving

Please contact Autoguide Equipment if there are any issues that cannot be resolved with the advice above.

AUTOGUIDE EQUIPMENT

SERVICING

Autoguide Equipment prides itself not only on the quality of its products but also on the comprehensive support it provides to you, our customers. As part of our commitment to ensuring maximum performance and longevity, Autoguide offers servicing for all products within our extensive range. Whether it's hydraulic powerheads, augers, or other machinery, customers can rely on Autoguide for top-notch maintenance.

One of the standout features of Autoguide's servicing is its flexibility. Customers have the option to have their equipment serviced either on-site or at Autoguide's well-equipped workshop. This flexibility ensures minimal disruption to operations, as customers can choose the option that best suits their needs and schedule. Whether it's a routine check-up or addressing specific issues, Autoguide's team of skilled technicians is dedicated to delivering prompt and reliable servicing to keep equipment running smoothly.

With Autoguide Equipment, customers not only invest in cutting-edge machinery but also in the assurance of ongoing support and maintenance, maximising the value and efficiency of their equipment over the long term.

+44 (0)1380 850885

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END OF LIFE

When the machine reaches the end of its useable lifetime it is important that the independent elements of the machine are reused, recycled, or disposed of suitably.

Component	What to do?
Metals	All metals should be recycled with an appropriate scrap metal merchant, preferable sorted into metal type.
Electronics	All electrical components should be recycled at an appropriate facility according to the WEEE Directive and Regulations 2013
Oils	Oil waste is classed as Hazardous and therefore must be stored separately and according to legal regulations (that differ dependent on country). It must be disposed of be a suitable Waste Oil collection company.
Hydraulic Hoses	Hydraulic hoses should be drained of oil, metal ends removed and then recycled with a suitable specialist recycling company. Metal ends can be sent to metal recycling centres.
Plastics	All plastics should be sorted into recyclable and no recyclable and then either sent to suitable recycling facilities or landfill.

WARRANTY

Coverage

Autoguide Equipment warrants the product against defects in materials and workmanship for 12 months from the date of purchase, applicable to the original purchaser only, when paid in full.

What's Covered

We will repair or replace, at our discretion, any defective parts, or the entire product during the warranty period, free of charge determined as defective by Autoguide. The customer is responsible for returning the product for warranty inspection to the Autoguide's facility. Parts should not be delivered without the prior agreement from Customer Services. Autoguide are not liable for any associated costs relating to a warranty failure. Parts repaired or replaced by Autoguide are then covered by this warranty for the remainder of the original warranty as if such parts were original parts.

Exclusions

Damage resulting from misuse, abuse, unauthorised modifications, normal wear and tear, or external causes is not covered. This warranty is void if any attempt is made to make field repairs unless these have been preapproved, or the data plate has been removed.

Obtaining Service

Contact Customer Services for warranty service, providing proof of purchase, product serial number (located on the data plate) and a description of the problem.

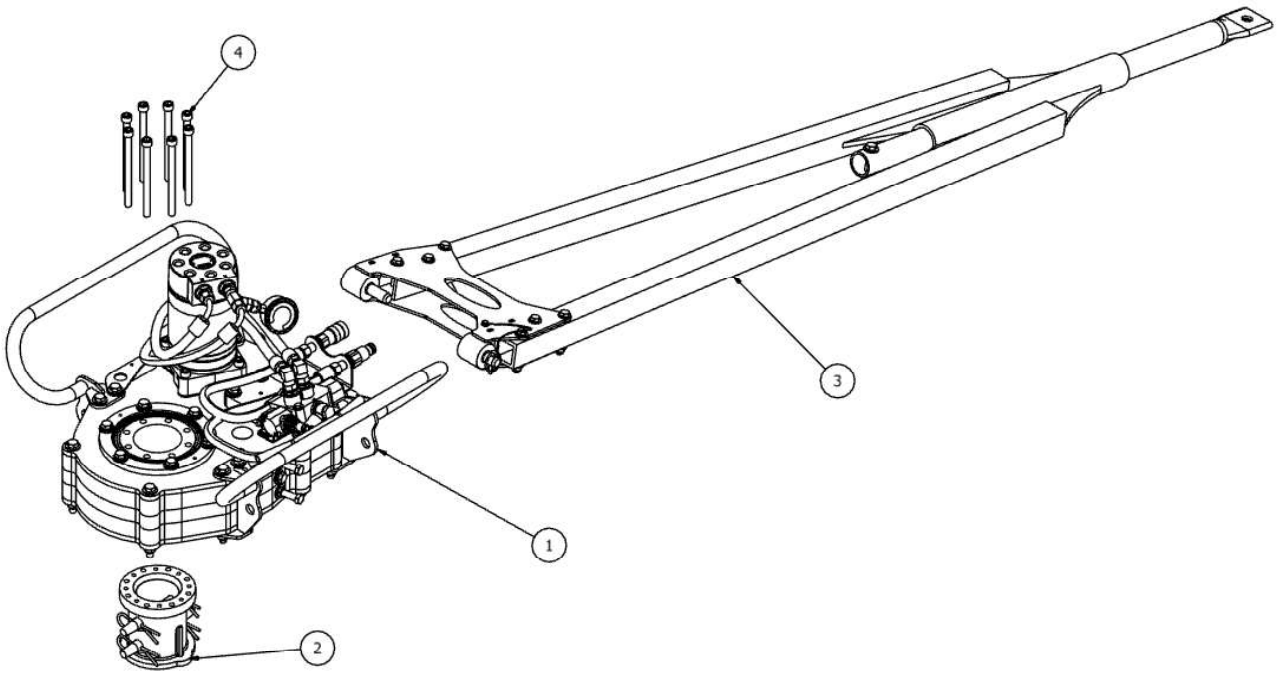
Limitation of Liability

Autoguide Equipment shall not be liable for incidental, consequential, or special damages arising from product use.

General Terms & Conditions: Refer to our standard T&C's https://www.autoguideequipment.co.uk/tcs-ag-v2-8

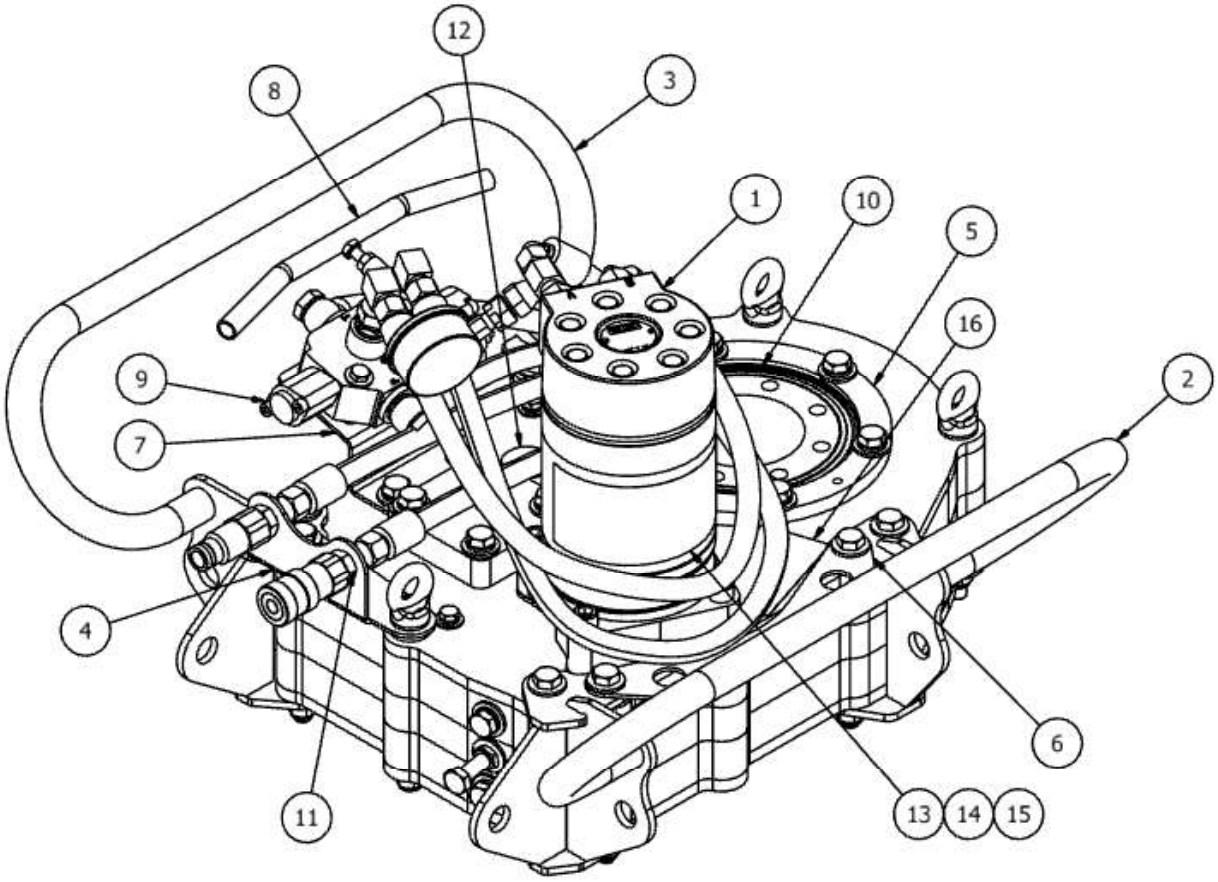
SPARE PARTS

49181 – 700H Anchor Driver Kit



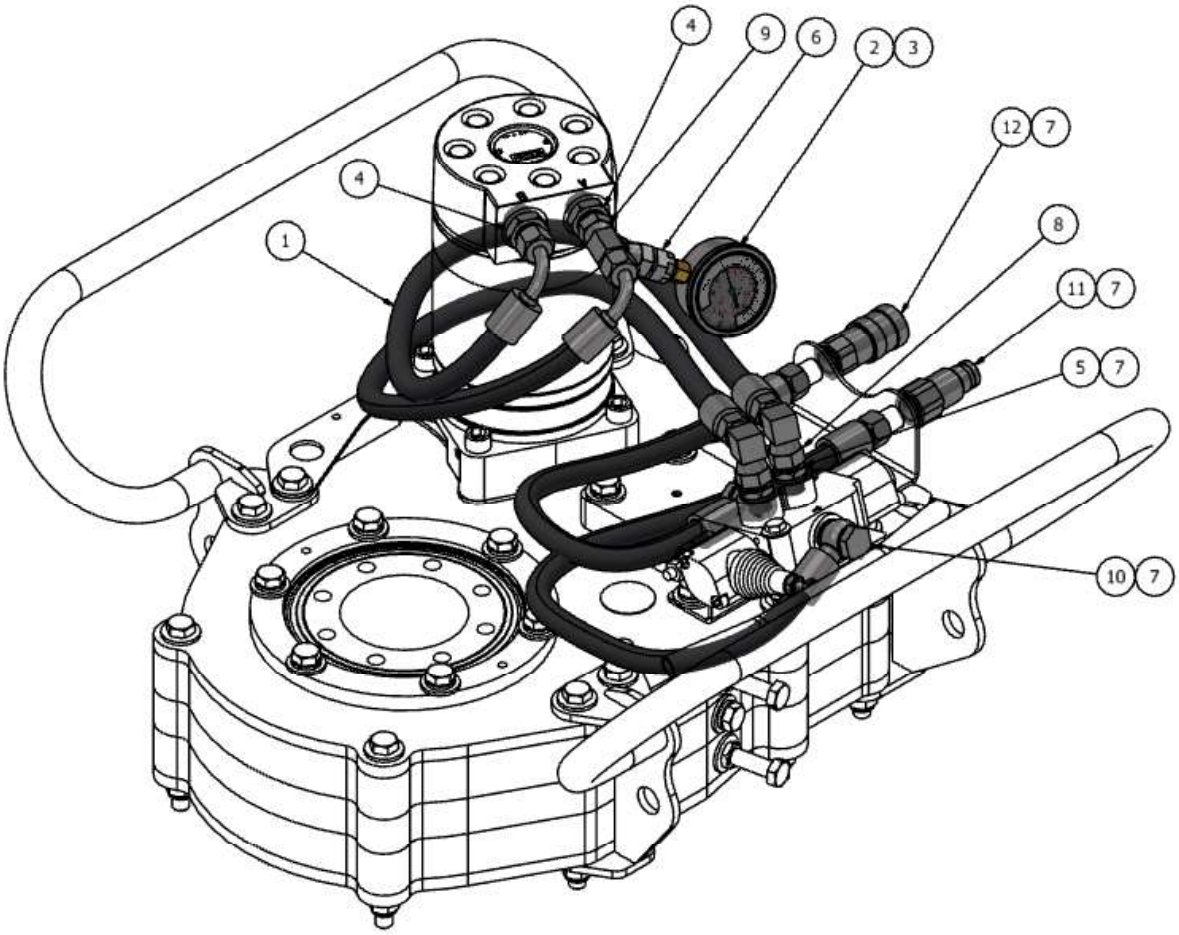
No.	Code	Description	Quantity
1	49180	700H Anchor Driver	1
2	48495	Drive Adaptor	1
3	49195	700H Torque Arm	1
4	12361	Cap Bolt M16 x 160	1

49180 – 700H Anchor Driver



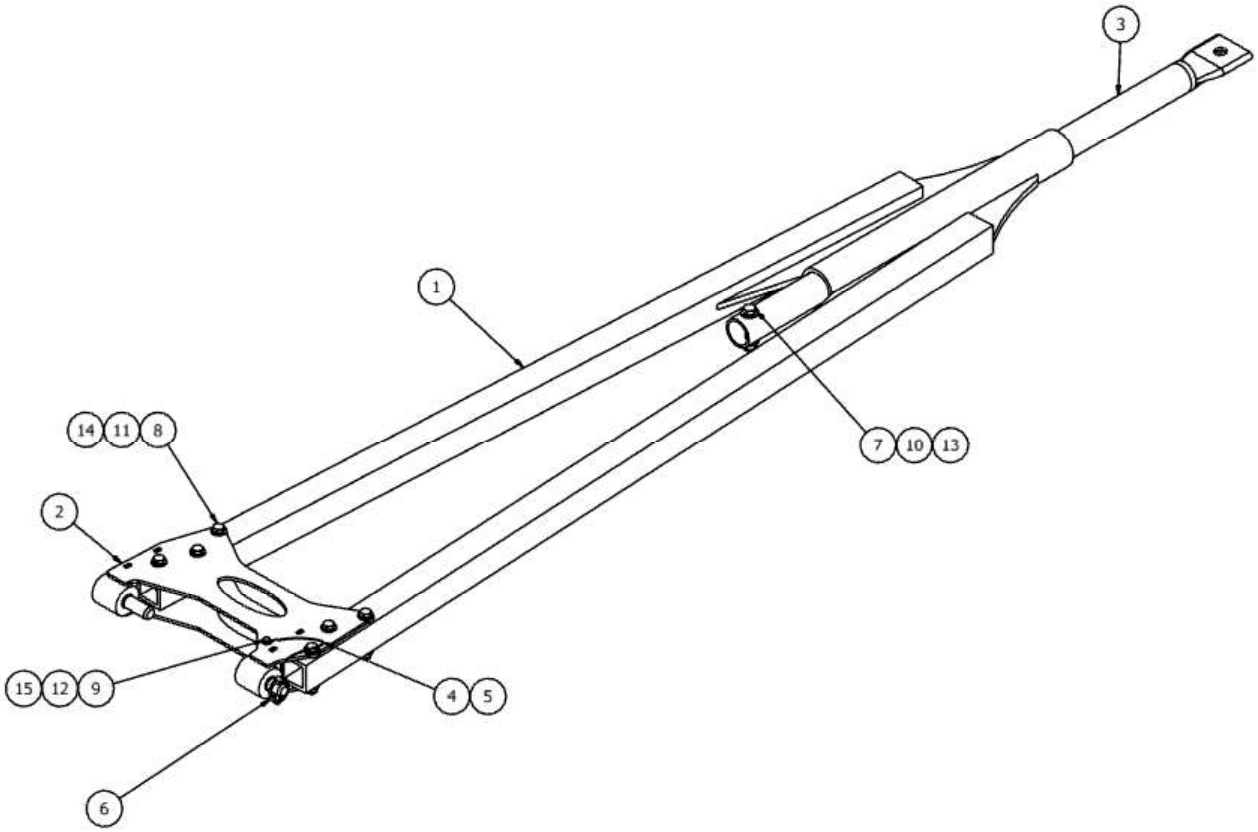
No.	Code	Description	Quantity
1	33004	Motor	1
2	48686	Left Handle	1
3	48681	Right Handle	1
4	53700	Hose Bracket	1
5	45834	Retainer Ring	2
6	48683	Spare Pin Holder	1
7	48677	Valve Bracket	1
8	45818	Valve Handle	1
9	53392	Valve	1
10	11644	Bearing	2
11	02277	Bulkhead Adaptor	2
12	26595	Plastic Cap	4
13	54836	Read Operating Manual Decal	1
14	55507	Handheld Control Decal	1
15	55094	Handheld Safety Decal	1
16	55097	Data Plate	1

49169 – 700H Hydraulics



No.	Code	Description	Quantity
1	49167	700H Hose Kit	1
2	09056	Gauge	1
3	49175	700H Gauge Sticker	1
4	08138	Adaptor 3/8" to 7/8"	2
5	01095	Adaptor 3/8"	2
6	08908	Adaptor 3/8" to 1/4"	1
7	01812	Seal 3/8"	8
8	01120	Elbow 3/8"	2
9	12598	Tee 3/8"	1
10	05601	Banjo Bolt 3/8"	2
11	03624	Coupler Flat Face Male 3/8"	1
12	02401	Coupler Flat Face Female 3/8"	1

49195 – 700H Torque Arm



No.	Code	Description	Quantity
1	49191	Torque Arm	1
2	53405	Torque Arm Interface	1
3	53399	Torque Arm Inner Tube	1
4	53406	Torque Arm Pin Cable	1
5	02155	Cable Crimp	2
6	10791	Pin Lynch	1
7	01249	Bolt M12 x 70	1
8	02479	Bolt M10 x 80	6
9	03411	Bolt M6 x 20	1
10	02105	Washer M12 Form C	2
11	02702	Washer M10 Form C	12
12	02350	Washer M6 Form C	2
13	02774	Nyloc M12	1
14	02523	Nyloc M10	6
15	02513	Nyloc M6	1

Autoguide Equipment
Stockley Road
Heddington
Nr. Calne
Wiltshire SN11 0PS
England

Tel: +44 (0) 1380 850885

Website: www.autoguide.co.uk