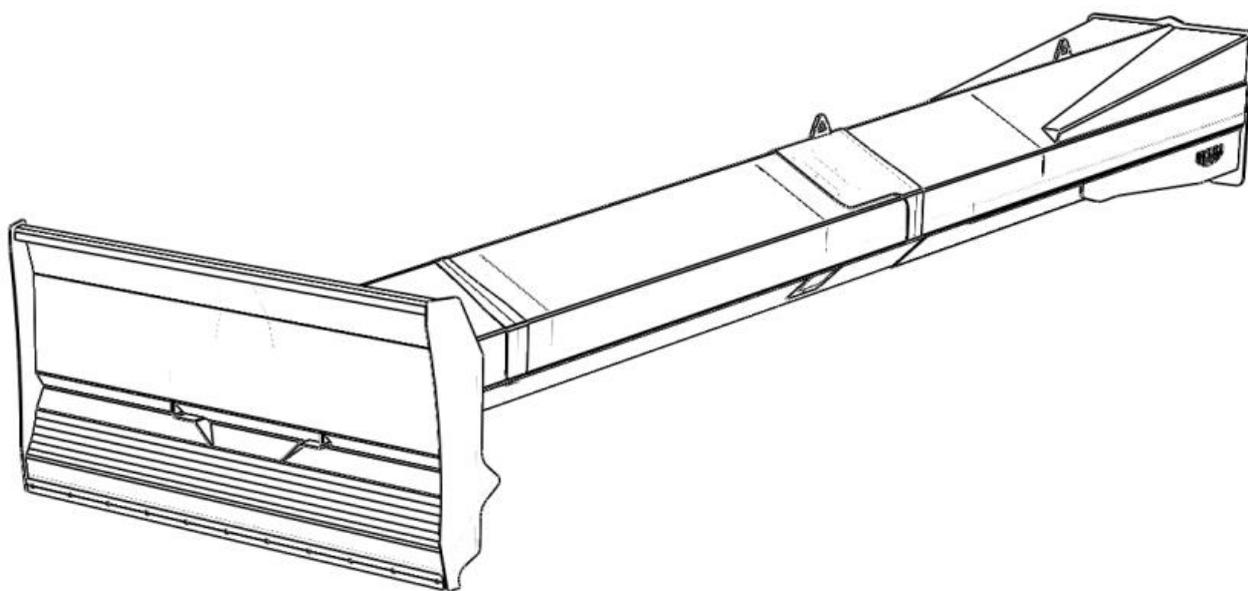


AGRI WELD

OPERATOR MANUAL

10m TAPERED BEAM Pusher



www.agriweld.co.uk

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AGRI WELD

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AGRI WELD

SUMMARY

The Agriweld Tapered Beam Pusher is an implement used for heaping grain, fertiliser and salt. It is designed to fit the larger capacity forklift/loaders by use of the relevant bracketing provided with the implement. It is designed and manufactured by Agriweld in Great Britain.

The Tapered Beam design of the Pusher means that the implements weight is kept to a minimum whilst maintaining strength through the length of the beam. The tapered design ensures the product will run off and not hang on the frame as it could on more traditional styles which makes for a tidier operation all round.

The blade is fitted with a reversible, bolt-on rubber strip to protect the floor and also act as a shock and noise absorber when lowering the pusher blade to the floor.

GENERAL SAFETY

This manual must be provided to all persons concerned who will be involved with the setting up, operation, maintenance and use of the forklift/loader and the pusher and must be available at all times.

If important safety instructions are not complied with, it can lead to the risk of injury to yourself and others as well as damage to property and the environment.

IMPORTANT: Please check the fork lift/loading shovels hand book for the correct tyre pressures when using heavier attachments and adjust them accordingly.

PLEASE NOTE

NON COMPLIANCE WITH SAFETY INSTRUCTIONS CAN LEAD TO WARRANTY CLAIMS BECOMING INVALID.

QUALIFICATIONS & TRAINING

Only personnel with the appropriate forklift/loader license are authorised to use this machine.

Statutory minimum age limits must be observed and reliable, ***experienced personnel only should use, perform maintenance or work on this machine.**

Persons undergoing training or instruction or taking part in a general training course should NOT be allowed to use this machine even under direct supervision of an experienced and trained person.

The operator must be aware of their responsibilities with regard to observing traffic regulations. The operator must have the authority to refuse instructions issued by third parties which contravene safety.

Any conversions or modifications to the machine may only be carried out after prior consultation and written confirmation from Agriweld.

The use of spare parts, accessories and ancillary equipment not supplied or approved by Agriweld could have detrimental effects to the construction or functions of the machine. Agriweld shall not be responsible for any damage caused by the use of spare parts or accessories and ancillary equipment not supplied or approved by Agriweld.

The pusher and forklift/loader should be used with extreme caution, and the operator must NOT perform any sudden manoeuvres due to the physical size of the equipment and forces imposed working at such extremes.

FURTHER SAFETY

Any warning signs/instructions on the machine provide important information and must be observed.

Ensure that you are familiar with the equipment, controls and functions before starting work.

Check round the machine for any noticeable damage, or missing parts before each use.

It is advisable that the operator wears close fitting clothing to avoid the risk of snagging and trapping.

Ensure that you watch out for wandering individuals (particularly children!). Bystanders MUST keep a safe distance according to the size of this implement.

Always match your speed to the conditions and legal speed limits. Observe and respect traffic regulations. This grain pusher must NOT be transported down public roads, unless via road haulage service.

Remember to take into account the size of any attachments to the forklift/loader you may have and be aware of the sideways forces acting on the machine when turning and negotiating corners. Always ensure adequate all round visibility.

SPECIAL SAFETY INSTRUCTIONS

Take extra care when hitching up or un-hitching the pusher to/from the forklift/loader. Be aware of what is under the pusher (such as your feet) before dropping it off.

Ensure that the forklift/loaders hydraulic system and other mechanics are in full working order, all forklifts and loaders are subject to an annual LOLER report (or equivalent).

Never allow any person to stand between the loader and the pusher during connection or at any time unless the loader is secured against rolling away by use of a parking brake and/or wheel chocks.

It is forbidden to allow any persons to ride or sit on the pusher at any time.

Observers should maintain a safe distance when this machine is in use.

When performing any adjustments to the implement, the forklift/loader engine must be switched off to prevent the hydraulics from operating.

The driving characteristics of the forklift/loader are influenced and altered by the attachment of mounted machines and it is important to ensure adequate steering and braking ability as required.

IMPORTANT LOW MAINTENANCE

Maintenance checks should only be undertaken by a suitably qualified or *experienced person. It is important to check all pins for wear and ensure that none show significant signs of wear or damage. Replace as required with the same specification.

Check the condition of the rubber blade and replace as necessary. This is a wearing part and will require replacement over time.

Be observant for signs of distress to the bracketing and grain pusher beam. Discontinue use if any cracks are found until repaired.

DO NOT USE this pusher if you feel there may be a fault or if the forklift/loader requires maintenance, until rectified or deemed safe to use.

Always read the operator manual before any repairs/servicing and request manufacturers advise if required.

***An experienced person is one with training, knowledge or who has participated in something related, for many years**

SAFETY FIRST

Everyone is responsible for Health and Safety! Please operate your forklift or loader with this implement attached in a sensible and safe manner. Be aware of the safety of others at all times.

CONNECTION TO THE FORKLIFT/LOADER & FIRST USE

Please note that this is generalised information and connection may vary depending the type of headstock/brackets fitted. Operators should use their own judgement and experience when hitching/un-hitching the pusher. Only personnel with the appropriate forklift/loader licence are authorised to use this machine.

Statutory minimum age limits must be observed and reliable personnel only should perform maintenance/work on this machine.

Persons undergoing training or instruction or taking part in a general training course are NOT ALLOWED to use this implement.

All authorised operators of the forklift/loader will have undergone training in the attachment of front mounted implements and have pre-existing experience/knowledge in how to connect the pusher to the forklift/loader safely and correctly using the quick hitch bracketing fitted to mount the implement to the forklift/loader headstock.

When the pusher is securely attached to the forklift/loader and you are satisfied that it is secured correctly using the relevant locking pins, you are ready to begin use.

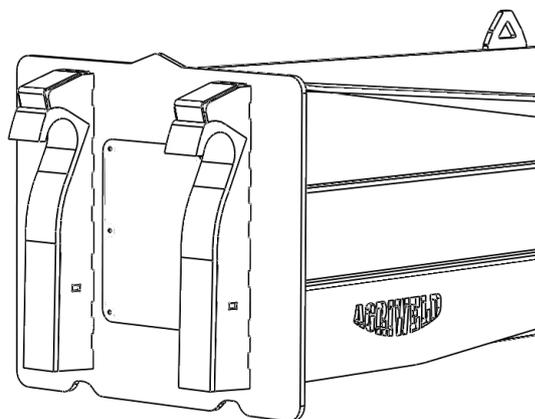
We advise practising using the pusher initially when you have plenty of time available in order to get a "feel" for the attachment and forklift/loader together.

The pusher can be a very dangerous piece of equipment, even to experienced users and extreme caution needs to be taken at all times.

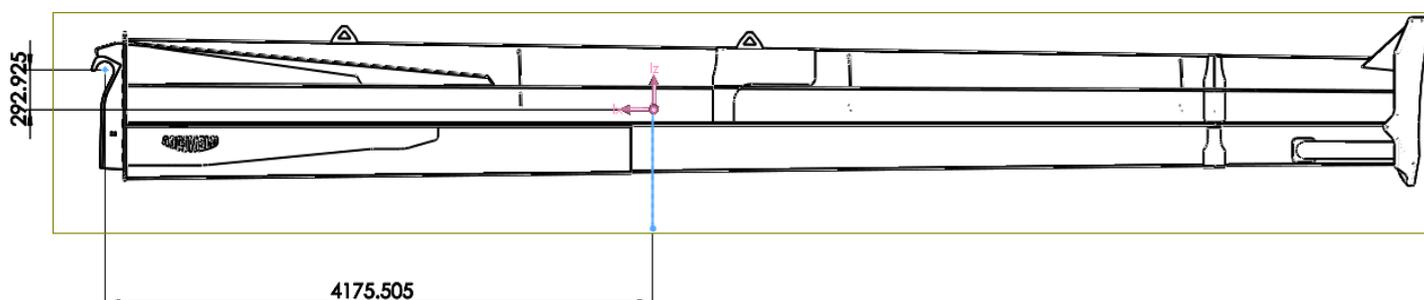
WE ADVISE THE OPERATOR: DO NOT attempt to take too bigger 'mouthful' of product (do not swamp the blade) with the pusher. Take smaller quantities rather than put unnecessary strain on the forklift/loader headstock and pusher. As you become more confident you will gauge what is a sensible load amount for the forklift/loader, pusher and operator to handle together.

Technical Info (10m)

Bracketing example: Eurosteel System 2000 (2008)



Load Centre Diagram: Measurements in mm – drawing not to scale.



Technical Information

- Welding procedures approved and certified to BS EN ISO 15614-1
- Weight: approx. 2285Kgs
- Lost Load Centre: 9970mm

CHANGING THE RUBBER BLADE

The tapered beam pusher is fitted with a bolt-on reversible rubber blade. When this requires replacement, please replace the strip with the specifications as follows;

RUBBER STRIP 2282mm x 150mm x 25mm c/w bolt holes to suit grain pusher.

11 No. M16 x 60mm bolts, and nylock nuts all BZP HT min 8.8

22 No. M16 Washers BZP #

Remove all 14 M16 x 60mm bolts, all washers and nylocs from the grip plate holding the rubber strip to the blade. Discard ALL nyloc nuts and any damaged bolts/washers.

The grip plate will come away so that you can remove the worn rubber strip. *As a minimum, **ALL of the M16 NYLOCK NUTS will require replacement**, due to the nature of the nut, however, we recommend using ALL new fasteners when replacing the rubber blade.*

Position the new rubber strip, followed by the grip plate and secure using the 11 x M16 x 60 bolts, and 22 washers (fitted 1 each side of the head and nylock of the bolt – see diagram below) and 11 nylock nuts. You **MUST** re-fit all 11. If you are missing any **DO NOT USE** the implement until ALL bolts, washers and nyloc nuts are re-fitted as damage may occur to the new rubber strip/pusher blade and the implement could be dangerous to use.

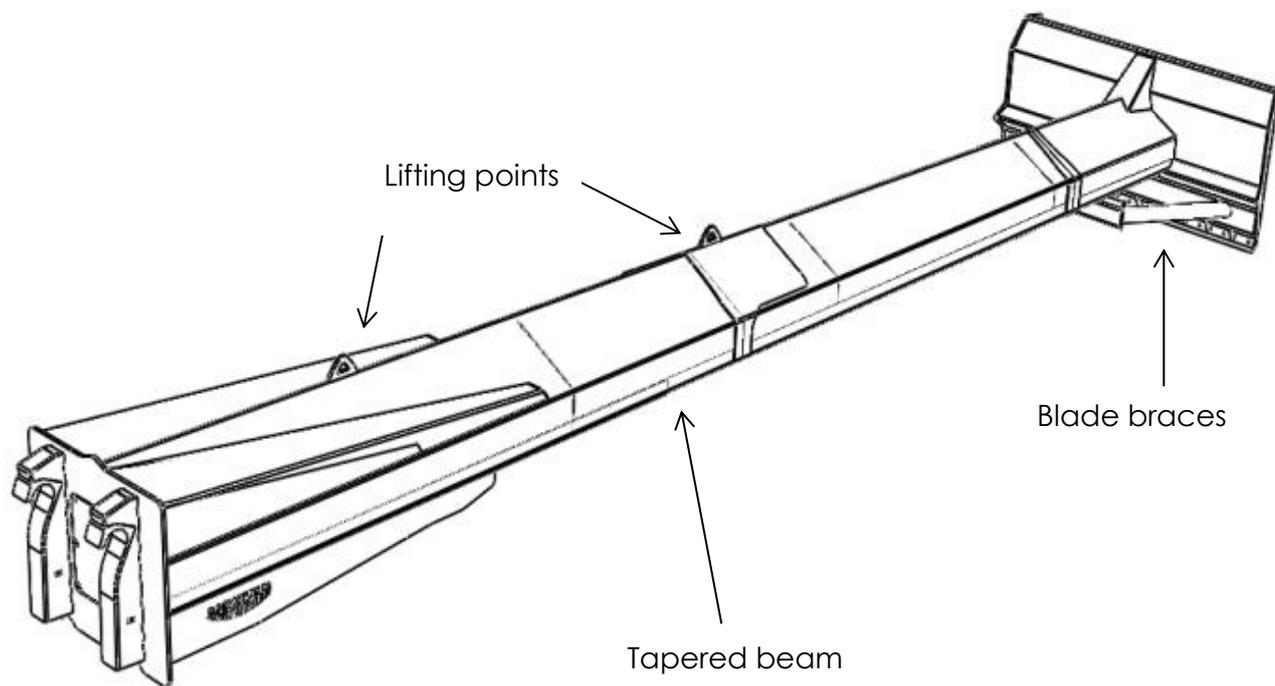
Replacement parts can be obtained through Agriweld if required. Please quote part numbers and PRODUCT SERIAL NUMBER (found on the type plate) with your enquiry.

Once you are happy that all 11 fasteners are in situ correctly, you may use the pusher.

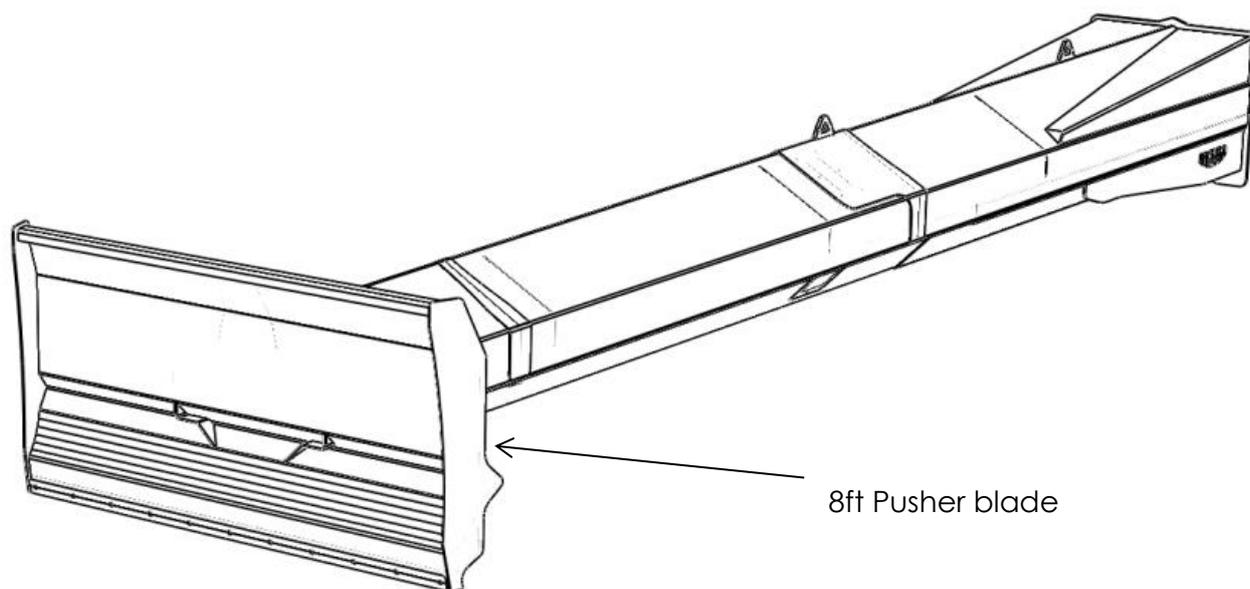
If you require assistance with this procedure in any way, please do not hesitate to ask us for assistance.

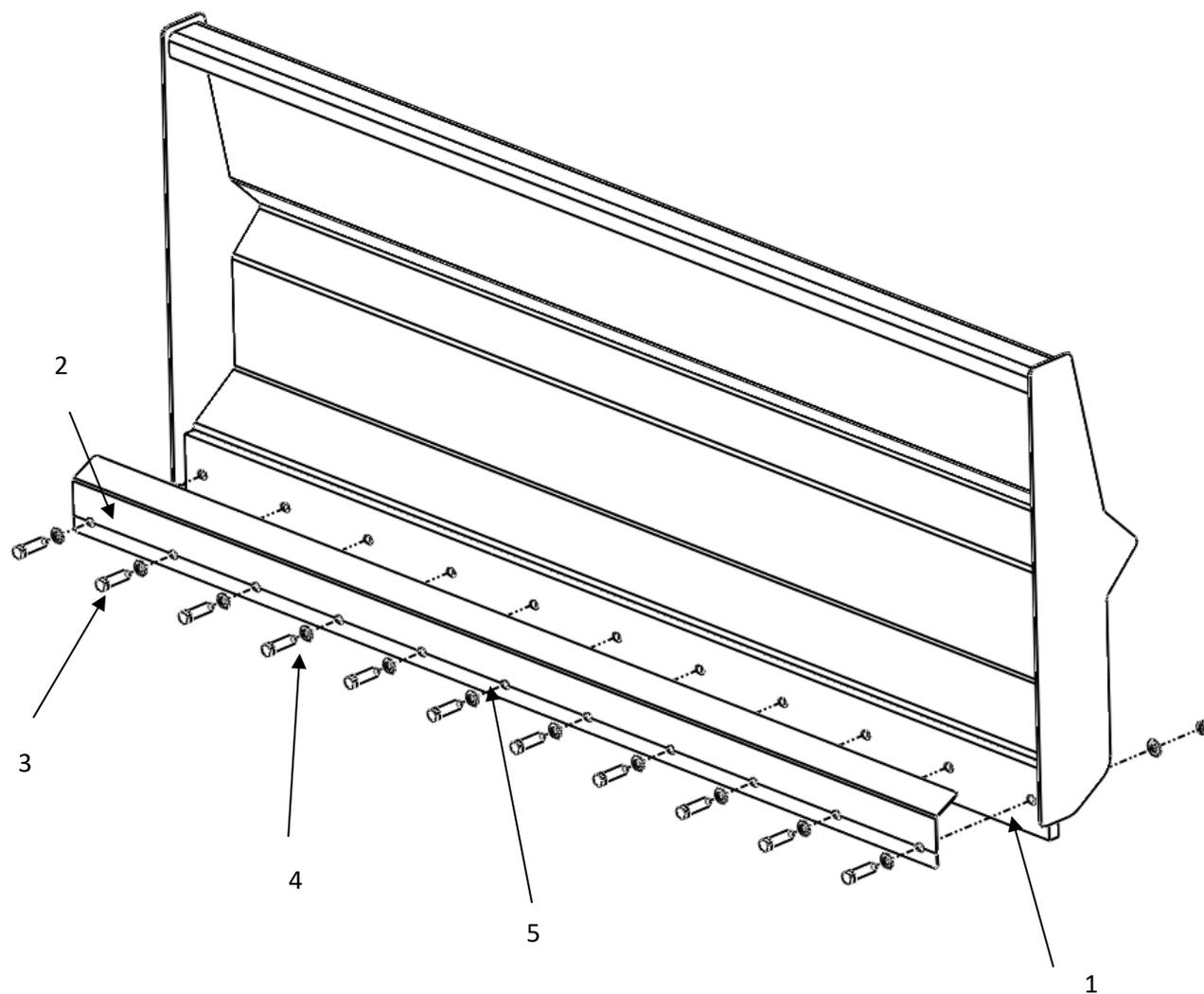
Remember that the blade is REVERSIBLE and can be turned several times.

FULL ASSEMBLY



BLADE ASSEMBLY





Item number	Part number	Description	Quantity per machine
1	AW_GP_RS_14	Rubber Wear Strip	1
2	AW_FP_22_0201_14	Rubber Grip/Cover	1
3	M16 x 60_14	Rubber Strip Bolt	11
4	M16 Flat Washer_14	Rubber Strip Washer	22
5	M16 Nylock Nut_14	Rubber Strip Nut	11

PRODUCT STICKERS/DECALS

Sticker	Part number	Description	Quantity per Machine
 A rectangular sticker with a red border. The word "AGRIWELD" is written in large, bold, red, stylized letters. Below it, in smaller black text, it says "AGRICULTURAL MACHINERY MANUFACTURERS" and "01377 259140".	AW_22GP_AS (185mm x 85mm)	Agriweld Sticker	3
 A rectangular sticker featuring the Union Jack flag. Above the flag, the text "MADE GREAT IN BRITAIN" is written in black.	AW_22GP_GB (85 mm x 50mm)	Great Britain Sticker	3
 A vertical rectangular sticker with a red border. At the top is a small Union Jack. Below it, the word "AGRIWELD" is written vertically in large, bold, red, stylized letters. At the bottom, in small black text, it says "01377 259140".	AW_22GP_ALS	Agriweld Long Sticker	4
 A rectangular sticker with a yellow background and a black border. At the top, the word "IMPORTANT" is written in bold black letters. Below it, "PLEASE READ" is written in smaller black letters. In the center is a black icon of an open book. At the bottom, "OPERATOR MANUAL" is written in bold black letters.	AW_OM_S	Read operator manual sticker	1

WARRANTY

Your Agriweld Pusher is covered for a period of 12 months from the date of dispatch (which is recorded on our files) against faulty components and/or bad workmanship.

Our welders are coded to ISO 9606-1 and our welding procedures are approved in accordance with ISO 15614-1 to manufacture your equipment. All products are checked for quality prior to delivery/collection.

We cannot be responsible for claims arising from ignorance, occurrences outside our control, such as accidents, and malicious damage and non-compliance with safety instructions.

Any damage occurred during transit must be reported on signing for the item from the haulier to enable us to enter a claim for damages direct with the haulier.

WARRANTY CLAIMS FOR DAMAGE DURING TRANSIT

Damage occurred during transit via an external haulier must be reported immediately upon unloading and signing for the item. The limit of our liability to undertake repairs to products damaged during transit is dependent on signing for any damaged product upon delivery as "DAMAGED".

CE DECLARATION OF CONFORMITY

The equipment which accompanies this declaration is in conformity with EU Directive(s):-

2006/42/EC Machinery Directive

Manufacturer Name:	Agriweld Ltd
Manufacturer Address:	Main Street Garton-on-the-Wolds Driffield East Yorkshire YO25 3ET
Product:	AGRIWELD 10m Tapered Beam Pusher
Product Options:	All lengths
Individual Serial Number:	
Product Description:	AGRIWELD 10m Tapered Beam Pusher to fit Eurosteel System 2000 (2008) Headstock
Date of Last Load Test Report:	N/A
Supplementary Information:	Total Weight: 2285kg
Authorised Signatory on Behalf of Manufacturer:	
Name of Signatory:	Dawn Foster
Position in Company:	Director
Date of Issue:	