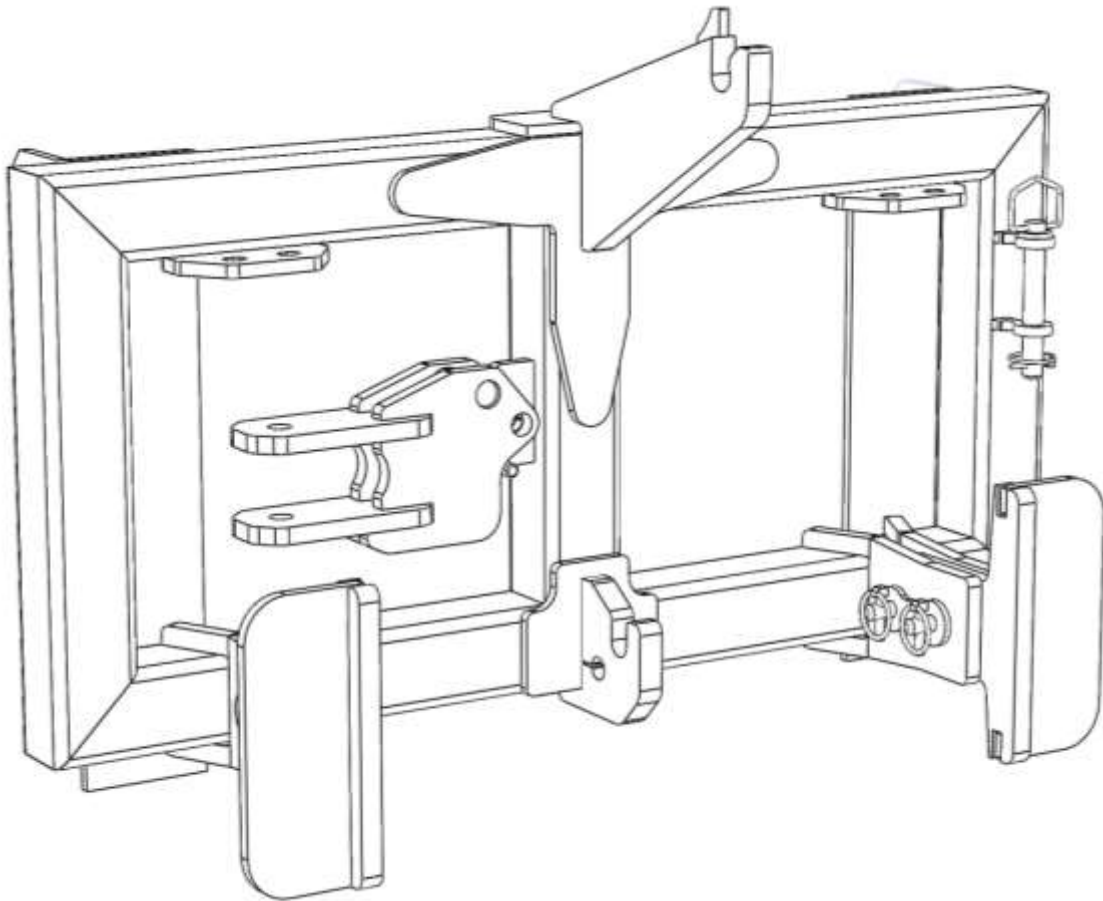


# AGRI WELD

## Operator Manual

### Quickshift



**AGRI WELD**

[www.agriweld.co.uk](http://www.agriweld.co.uk)

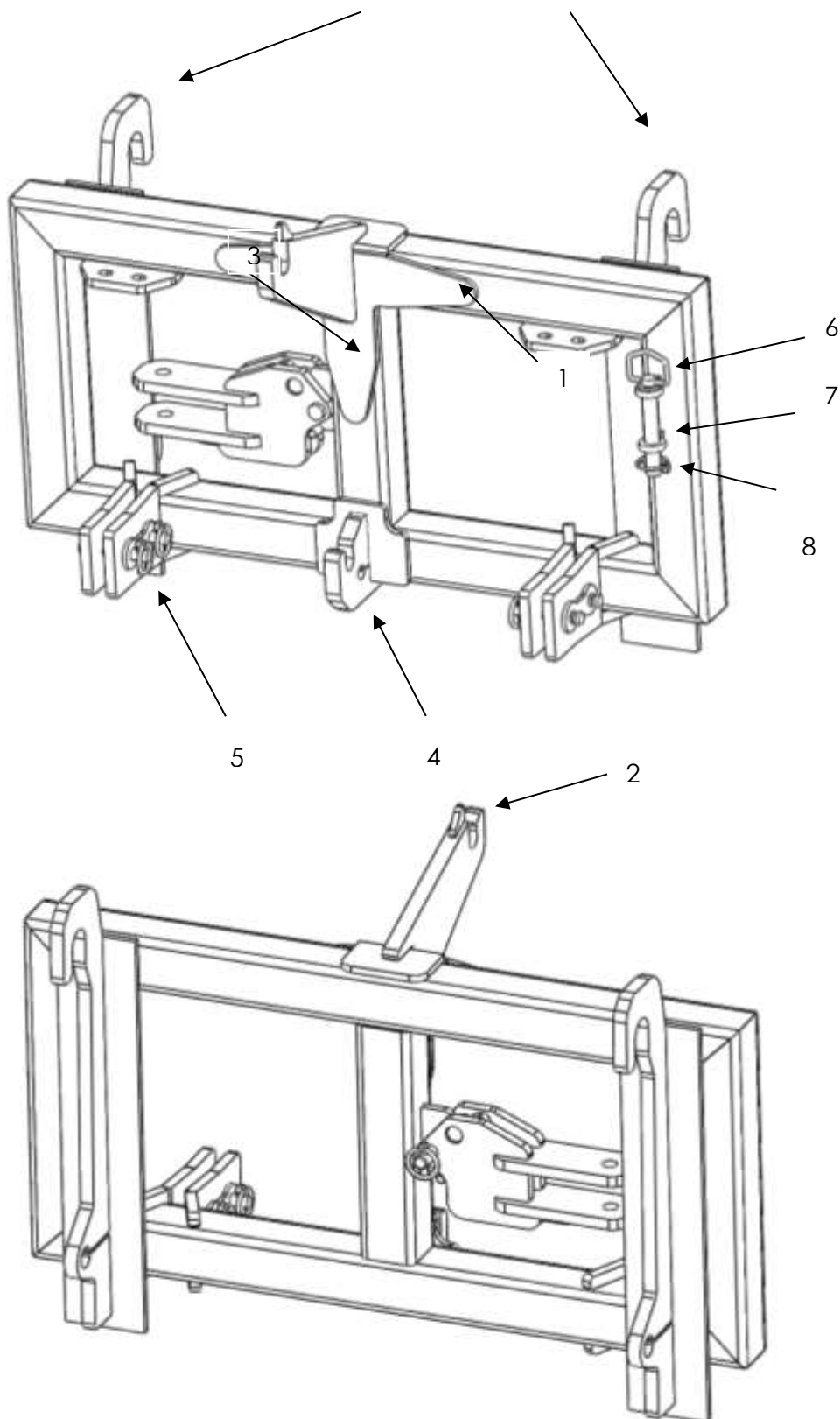
The Workshops  
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Driffield, YO25 3ET  
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**ASSEMBLY**

Brackets (Example)



### WEIGHTS AND CAPACITIES

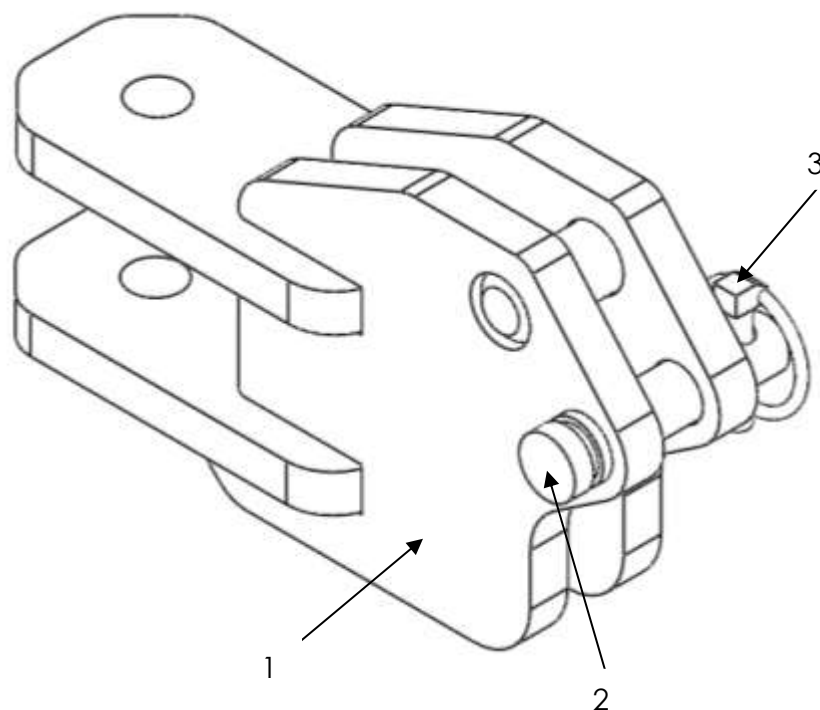
Unit Weight	Maximum Capacity
215 KG	5000 KG

### Machine technical specification

Weight:	215kgs
LLC:	367mm
Capacity @ LC:	5 Tonnes (or max capacity of forklift/loader if lower than this)
Centre of gravity:	70mm

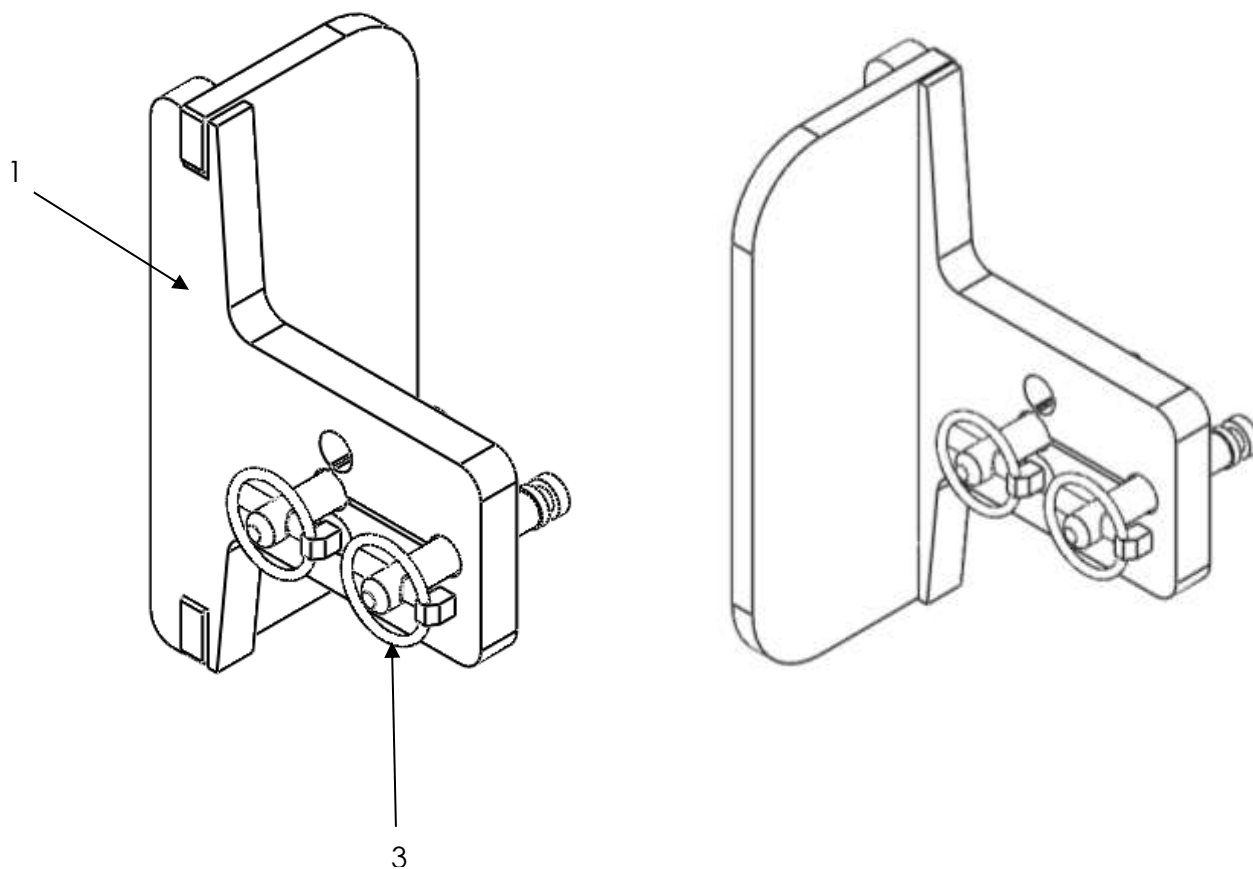
### MAIN FRAME PARTS LIST

Item Number	Part Number	Description	Quantity per Machine
1	AW_QS_010	Star Brace	1
2	AW_QS_020	Lifting Hook	1
3	AW_QS_015	Storage Hook	1
4	AW_QS_035	Bottom Hitch	1
5	AW_QS_016	Stabiliser Bracket	1
6	Z525157	Draw Bar Pin	1
7	AW_QS_001	Pin Holder	2
8	LPZ6	Linch Pin	1

**CLEVIS**

Item Number	Part Number	Description	Quantity per Machine
1	AW_QS_021	Clevis	2
2	AW_1"_100	Linch Pin	1
3	LP11Z	Linch Pin	1

### LOWER LINK STABILISER PLATES



Item Number	Part Number	Description	Quantity per Machine
1	AW_QS_006	Lower Link Stabiliser	2
2	Z319092	Stabiliser Pin	4
3	LP11Z	Linch Pin	4

## **SUMMARY**

The Agriweld QUICKSHIFT is designed primarily for the safe and efficient movement of all 3 point linkage and trailed equipment.

The QUICKSHIFT forklift/loader attachment consists of a main lifting hook (which locates into the equipment's top link point), left and right lower stabilising plates (which locate into the equipment's lower link points) a main frame and relevant bracketing to fit your forklift or loader.

### **MOVING 3-POINT LINKAGE EQUIPMENT**

The top hook is the main lifting or load bearing component. It locates in to the top link point of the equipment to be moved. The lower stabilising plates lock into the equipment's lower link points and prevent sideways movement whilst the equipment is being lifted and moved.

### **MOVING TRAILED EQUIPMENT**

The QUICKSHIFT carries its own "Clevis" style drawbar attachment on the frame which can be used to move trailed equipment as required. The standard issue drawbar clevis is stored on the QUICKSHIFT frame by use of a pin and is attached to the central lower locating hook with the same pin for use.

For the moving of large trailed pieces of cultivation equipment, trailers, caravans and other items requiring a "ball" type hitch, further ancillary attachments are available.

## **CONNECTING TO YOUR FORKLIFT LOADER**

**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 Quickshift and its attachments. 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 should only use this machine under direct supervision of an experienced and trained person.**

### **Connection to handler via Quick-hitch bracketing**

Tilt loader headstock slightly forwards and drive in slowly to locate loaders top mounting point into Quickshift corresponding top mounting point carefully. Crowd loader headstock back slightly to align lower Quickshift mounting point with the corresponding bracket on the loader headstock and secure with the relevant locking pins.

### **Carriage blocks/rails (Class 2, 3 or 4)**

Tilt forklift carriage rails slightly forward locate top rail into corresponding top Quickshift carriage rail bracket. Crowd back slightly to locate lower carriage rail. Position lower carriage rails/blocks into operating position and secure with the relevant locking pins/bolts.



## **CAPACITY – IMPORTANT INFORMATION**

The QUICKSHIFT has been load tested and certified with a safe working load (SWL) of

**5 Tonnes\***

**\*When fitted to any forklift or loader with a lift capacity less than 5 tonnes reduces the safe working load (SWL) of the QUICKSHIFT to that of the forklift/loader's capacity.**

**For example fitted to a 3 – tonne forklift, the QUICKSHIFT capacity is also reduced to 3 - tonnes.**

**Warranty claims arising from misuse and overload will not be covered.**

## **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 QUICKSHIFT. It 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.

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

## **QUALIFICATIONS AND TRAINING**

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 should only use this machine under direct supervision of an experienced and trained person.

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 QUICKSHIFT. 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 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.

The operator should only operate what he/she is trained and experienced to do. If you are not confident, assistance should be sought from a suitably qualified person before using the Quickshift and its attachments. Untrained and non-confident operators should be supervised by an experienced operator until it is deemed them safe to use on their own.

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.

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

### **PLEASE NOTE:**

**All forklifts are subject to L.O.L.E.R inspection / report by reputable engineers and records kept and maintained.**



### **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 of the forklift or loader and QUICKSHIFT before starting work.

Check round the machine for any noticeable damage, or missing parts before starting work.

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!).

Remember to take into account the size of any attachments being moved 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 QUICKSHIFT to/from the forklift or loader. Be aware of what is under the QUICKSHIFT and its load (such as your feet) before dropping off.

Ensure that the forklift or loaders hydraulic system is in full working order.

Never allow any person to stand between the forklift or loader and the QUICKSHIFT during connection or at any time unless the forklift or 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 QUICKSHIFT and its load at any time. Observers should maintain a safe distance when machine is in use.

When performing any adjustments to the machine the forklift or loader's engine must be switched off to prevent the hydraulics from operating.

**NEVER walk or work under a suspended load. Always take measures to support the machine and its load to prevent crushing and/or death. Do not rely on the forklift/loader and QUICKSHIFT alone if you are working under a suspended load. Always use supports for example trestles or a frame capable of taking the load.**

### **STORAGE AND SAFETY WHEN NOT IN USE**

Always detach any attachments from the Quickshift when you have finishing using them.

The Quickshift will stand on its own when not mounted or in use, unless forced over by external sources. We advise the Quickshift and its attachments be stored away in an area clear from obstruction without causing hazard to other vehicles, damage to property or injury to individuals and by ensuring that the storage area is easily accessible for next use.

If you need to keep the Quickshift mounted to the forklift/loader in between use, it is important to ensure the Quickshift is lowered to ground level, the vehicle has the hand brake/equivalent secured, the loader engine is turned off and vehicle is locked.

### **IMPORTANT MAINTENANCE**

**It is important to check the main lifting hook, stabilising plates, drawbar clevis and pins for wear and ensure that none show significant signs of wear or damage.**

**Before use, always check round the QUICKSHIFT to ensure no damage has occurred and that the machine appears safe to use.**

**Keep the QUICKSHIFT clean at all times to ensure easy inspection.**

**Ensure that the forklift or loader is in full working order and that the QUICKSHIFT is attached to the forklift or loader correctly before starting work.**

**Never use the Quickshift and any attachments if any parts/pins are missing.**

**Routine maintenance and safety checks of the Quickshift does not require the operator to climb/stand on the machine at any time.**

**Do not overload the forklift and Quickshift, refer to capacity on page 10 for details. Only use the Quickshift for its intended purpose.**

## **WARRANTY**

Your Agriweld QUICKSHIFT 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 BS EN 287-1 and our welding procedures are approved in accordance with: BS EN ISO 15614-1 to manufacture your equipment and 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.

Damage occurred during transit must be reported on signing for the item from the haulier to enable us to make a claim for damages caused during transport.

### **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".

### **OPTIONAL ATTACHMENTS**

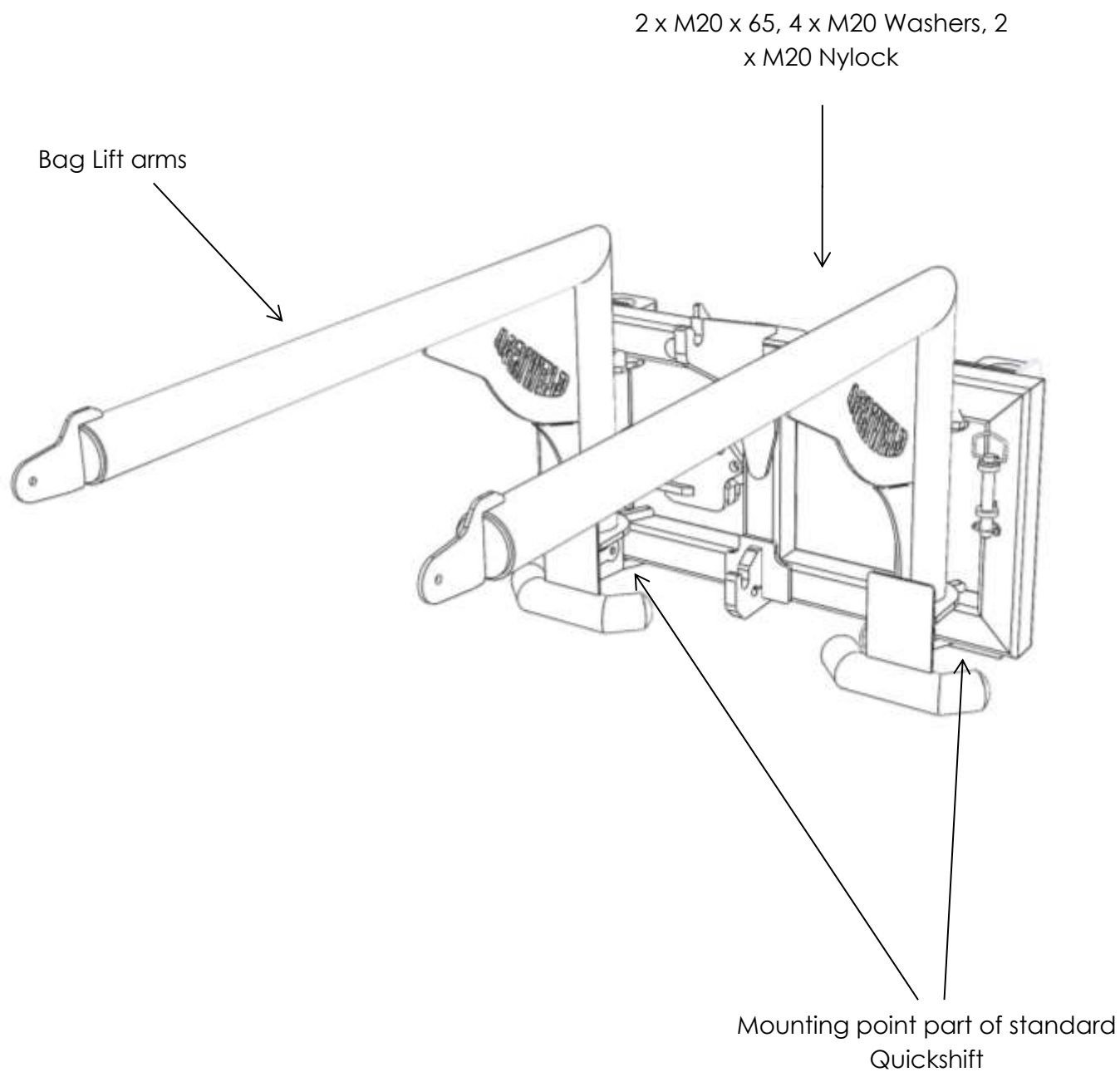
There are various optional attachments available to suit your Quickshift unit. Each fit to the standard Quickshift frame by firstly removing the lower stabilising plates from the lower left and right mounting points and fitting the individual attachments by locating and fixing into the same point. Any additional securing points required for the optional attachments will be located on the Quickshift frame as standard.

**Please note that for travelling on public highways, any protruding attachments must be removed for safety reasons.**



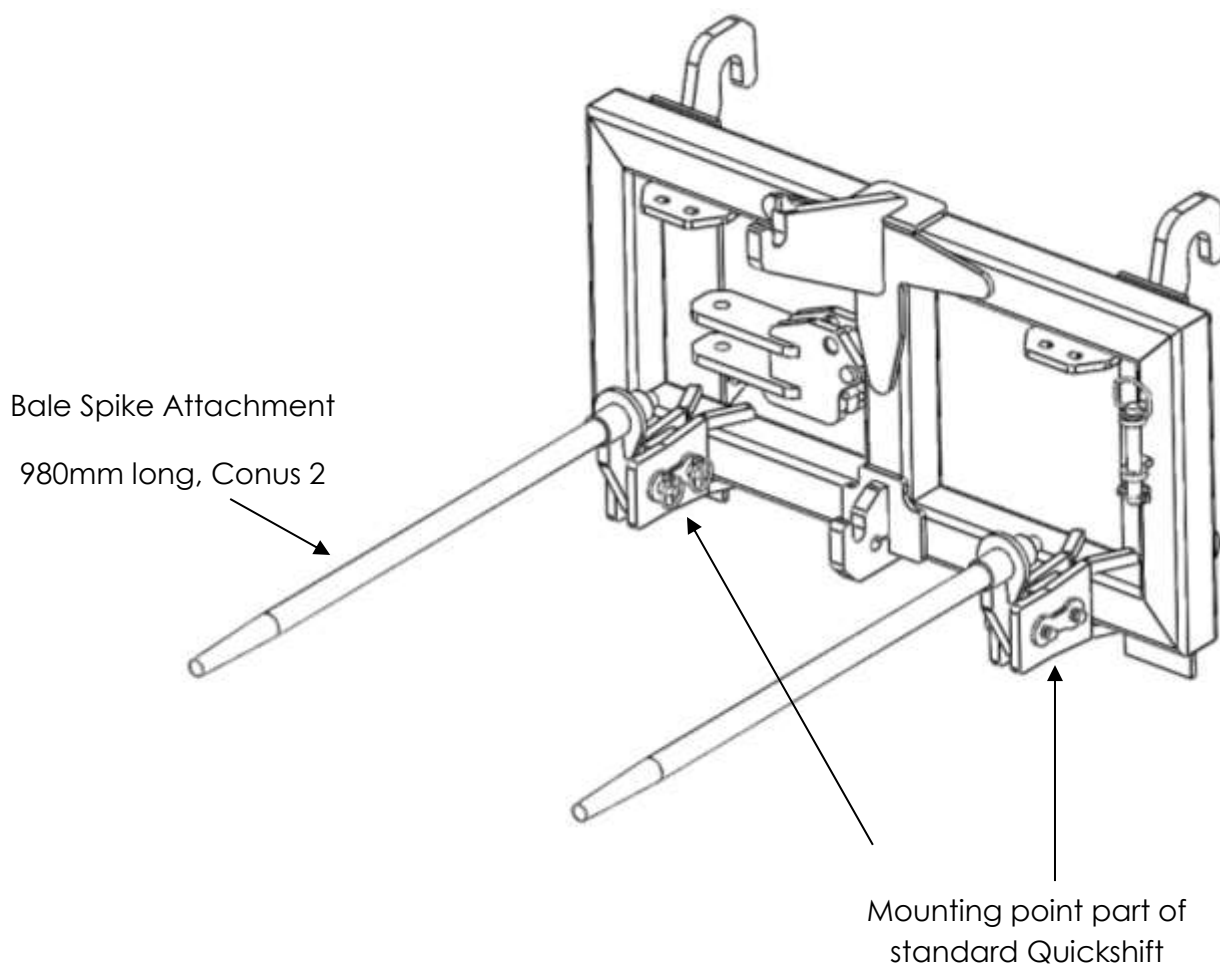
## OPTIONAL ATTACHMENTS

### 1. Bag Lift attachment



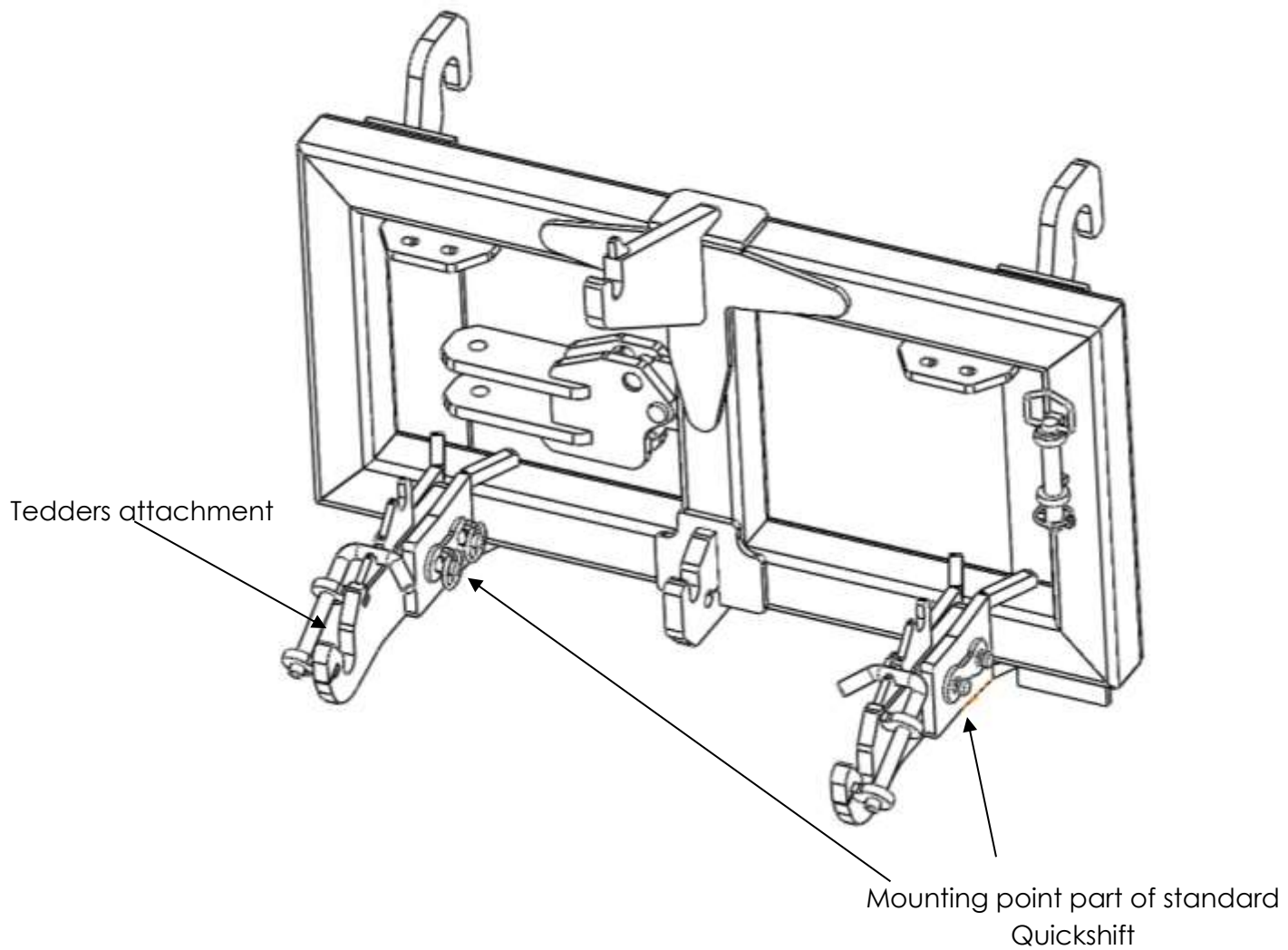
**BAG LIFT ATTACHMENTS ARE INTENDED FOR USE IN THE YARD OR OUT IN THE FIELD,  
IF TRAVELLING ON PUBLIC ROADS ANY ATTACHMENTS MUST BE REMOVED FOR  
SAFETY PURPOSES.**

## 2. Bale Spike attachments



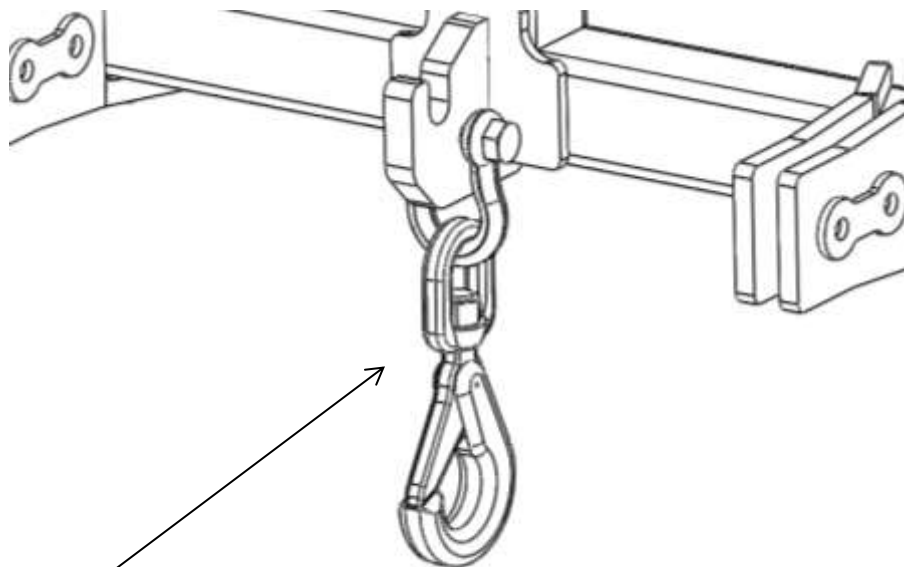
**BALE SPILE ATTACHMENTS ARE INTENDED FOR USE IN THE YARD OR OUT IN THE FIELD, IF TRAVELLING ON A PUBLIC ROAD THE ATTACHMENT MUST BE REMOVED FOR SAFETY PURPOSES.**

### 3. Tedder hook attachments

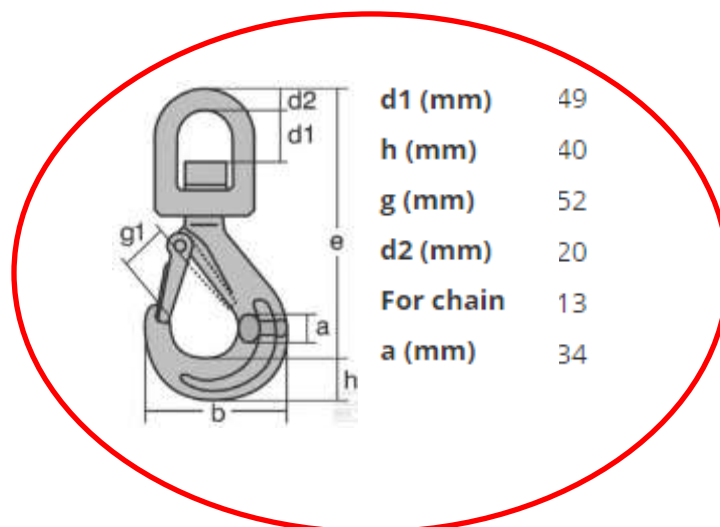




**4. Swivel Hook attachment**



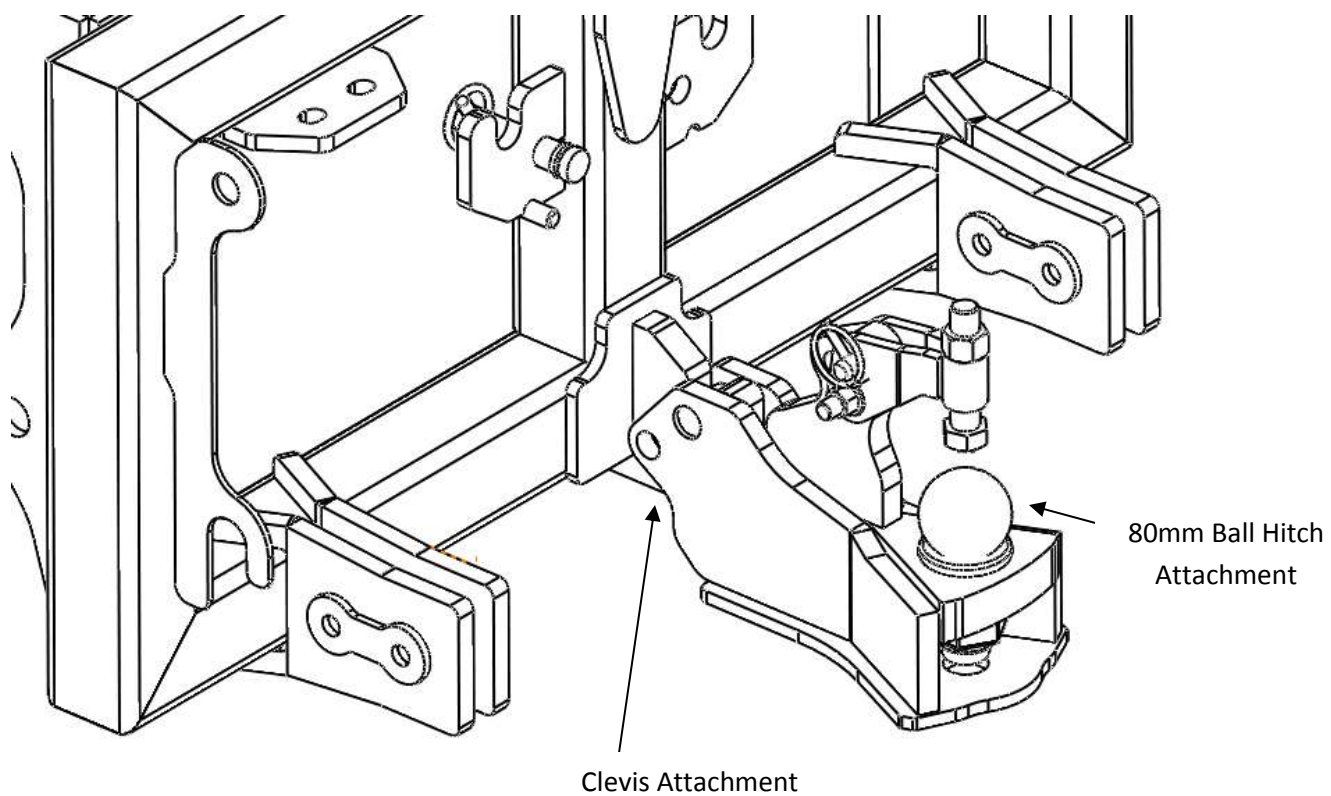
Bow Shackle & Safety Eye Hook  
(image of safety eye hook for example purposes only see below insert)



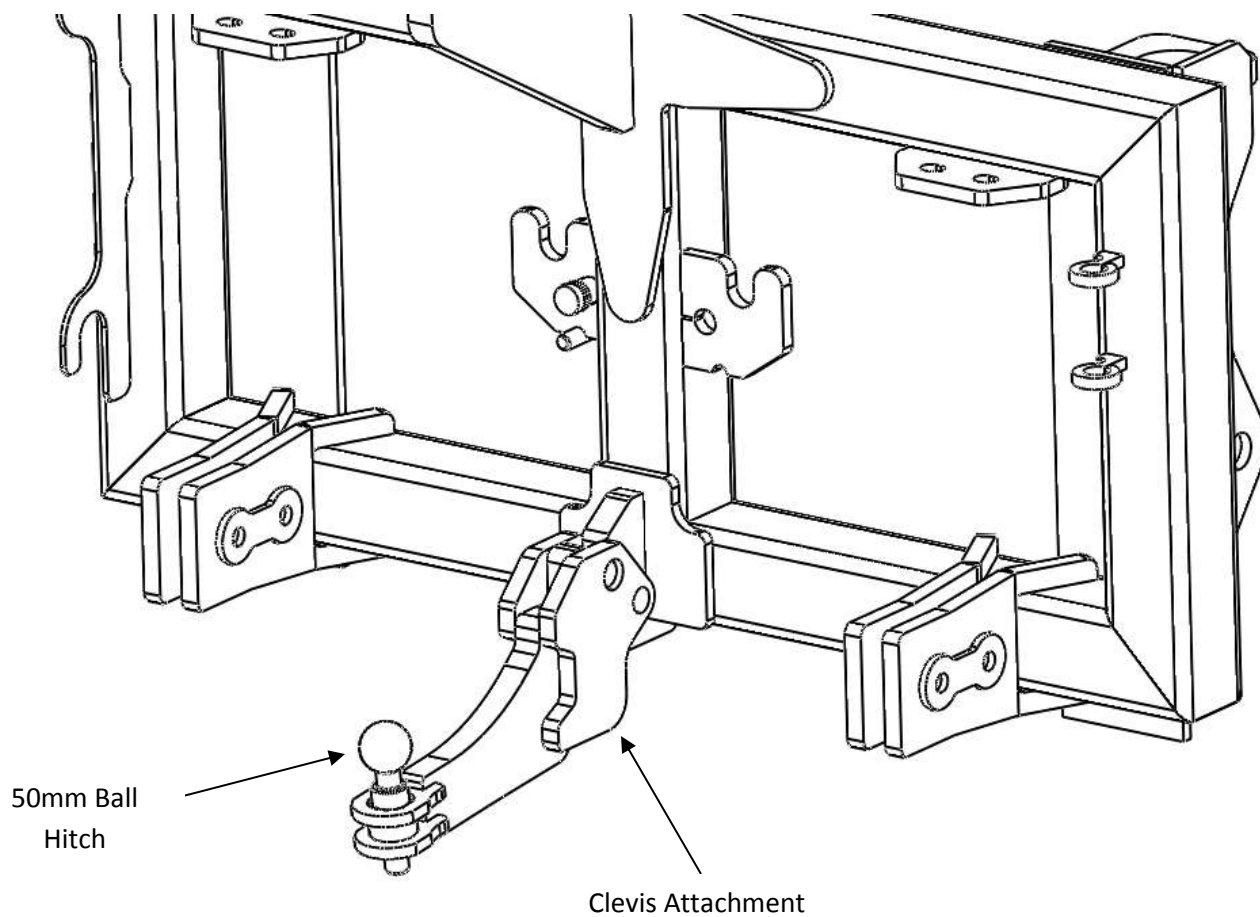
Part number	Description
FSH78	D shackle 7/8''
HHWLH13	Safety eye hook 13mm

The safe working load (SWL) of this optional attachment is 3000kg or the equivalent to the capacity of the forklift/loader the Quickshift is fitted to if less than 5000kg. **DO NOT USE THIS SWIVEL HOOK ATTACHMENT WHILST TRAVELLING ON THE PUBLIC HIGHWAYS**




### 80mm Heavy Duty Ball Hitch



### 50mm Ball Hitch Attachment



**STICKERS**



Sticker	Part Number	Description	Quantity per Machine
	<p>AW_QS_LS (460mm x 90mm)</p>	<p>Quickshift sticker</p>	<p>2</p>
	<p>AW_QS_AS (185 mm x 85mm)</p>	<p>Agriweld sticker</p>	<p>2</p>
	<p>AW_QS_GB (85mm x 50mm)</p>	<p>Great Britain sticker</p>	<p>2</p>



## 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:	Quickshift Lifting Frame
Product Options:	All
Individual Serial Number:	
Product Description:	An attachment specifically for use on forklifts/loaders with a maximum lift capacity of 5000kg for the lifting and moving of 3 point linkage and trailed equipment.
Date of Last Load Test Report:	19 <sup>th</sup> September 2017
Supplementary Information:	This equipment is subject to LOLER inspection (Lifting Operations and Lifting Equipment Regulations 1998) within 12 months of putting into service.
Authorised Signatory on Behalf of Manufacturer:	 Dawn Foster
Name of Signatory:	Director
Position in Company:	
Date of Issue:	

