

INSTRUCTION AND PARTS MANUAL



Strong. Simple. Smart.

QUICK HITCH
All models



SAM QUICK HITCH



BACK VIEW - (SMALL & LARGE PIN)

THANKS FOR CHOOSING A SAM

This Instruction and Parts Manual covers all SAM Quick hitches manufactured since 2019.

For all other SAM Machinery Instruction Manuals please visit www.sammachinery.co.nz

SERIAL NUMBER

All SAM Machinery products are identified with a unique serial number located on the back of the Quick Hitch (e.g. '18 AH 1234'). Please include this number with all parts and servicing enquiries so we can provide you with fast and accurate assistance.



G'DAY

Coombridge & Alexander have created SAM Quick Hitches from over 70 years' experience making agricultural machinery in New Zealand. Strong, simple and smart, each product is handcrafted from the very best materials and componentry we can find. They are known for their practical design and easy to use operation.

A family-owned and operated company located in the heart of the Waikato, Coombridge & Alexander control the complete manufacturing process of the iconic SAM range: Fertiliser Spreaders, Combo Spreaders, Orchard Spreaders, Feed Wagons, Hydraulic Trailers and Quick Hitches.

We stand by the quality of all of our products - our team have put the hard work in so you can expect a long working life out of your gear. All the best with your new SAM. We trust you will love it.

For all parts, servicing or support enquiries please contact us on 07 847 8492.

For international parts and servicing please contact 0064 7 847 8492.

www.sammachinery.co.nz

MODEL	
SERIAL NUMBER	

BASIC SAFETY



Many agricultural machines have potentially dangerous moving parts, which can cause serious or fatal injuries. Remember;

1. Read ALL warning labels on the machine or accessory and ensure you understand operating instructions.
2. Do not use the Quick Hitch in steep areas where there is a high-risk of undue stress occurring on componentry or roll-over.
3. Loads are not to exceed the recommended rating.

Large 40mm pin (15,000kg) This is suitable for a 50mm towing eye.

Small 32mm pin (12,000kg) This is suitable for a 40mm towing eye.

HOW TO USE

1. Attach tractor lift arms to the hitch using the provided pins.
2. Attach the top link and adjust so the towing pin is in a vertical position at towing height.
3. Undo rope so you can access it from the tractor seat.
4. Back the tractor to the implement and lift towing pin through the implement towing eye.
5. Ensure the safety latch clicks into place to hold the towing eye down.
6. Lift to a suitable towing height to ensure the implement drawbar clears the ground for all terrain.

BASIC MAINTENANCE



To keep your SAM Quick Hitch in excellent working condition, please follow these basic maintenance procedures as you go.

1. Check for any wear or damage to the pin and locking latch.
2. Check for any cracking on the frame.
3. If you notice any of the above - do not use.

Please keep these checks up for the lifetime of your SAM.



A hazard identification, assessment and control procedure has been conducted on a representative SAM Hydraulic Quick Hitch and where necessary appropriate risk control measures have been outlined below;

HAZARD	HARM	CONTROLS
Heavy frame	<ol style="list-style-type: none"> 1. Lifting injury 2. Crushing injury 	<p>You can use the tractor to lift the quick hitch into position ready for coupling to the tractor.</p> <p>Use proper lifting technique when moving manually. Lift using strength from your feet and legs to protect your back.</p> <p>Make sure the Quick Hitch is sitting on fairly flat ground.</p>
Coming loose from the hitch or pin breaking	<ol style="list-style-type: none"> 3. Crushing injury 	<p>Regularly check the hitch is in a sound condition.</p> <p>Do not exceed recommended load ratings.</p>
Roll-over potential	<ol style="list-style-type: none"> 4. Crushing injury or fatality 	<p>Do not operate Quick Hitch in areas that are too steep for; 1. safe operation, 2. adequate weight on hitch</p>

TROUBLESHOOTING

If you need spare parts or need help contact Coombridge & Alexander (SAM Machinery) directly or see your local dealership.

HYDRAULIC TRAILER SIDE-VIEW

REFERENCE	PART NO.	DESCRIPTION	QTY.
1	3661	D shackle	1
2	6335	Label - SAM - yellow/white small	1
3	3592	Linch pin	1
4	6317	Pin - top link	1
5	6318	Pin - lift arm	2
6	3664	Rope	1
7	3645	Spring	1
8	P4847	Tow pin - large 40mm	1
		Tow pin - small 32mm	1

*Please include the serial number with all parts and servicing enquiries.



QUALITY GUARANTEE

SAM Machinery products are guaranteed against any defects in either material or manufacture for a period of 24 months from delivery date, provided that the equipment has not been subject to abuse or misuse, operated incorrectly, over-loaded or used for purposes other than for which the equipment is designed. Or is not maintained correctly or if fitted with other than genuine parts.

Claims are only valid when approved by the manufacturer. No person or agent is authorised to assume any liability.

As the use of the equipment is outside our control we can only guarantee quality. No liability for loss, direct expenses incurred from the use of this equipment or from any other cause of in respect of performance etc. can be accepted.

Defective parts must be returned freight paid to the manufacturer or available to be inspected as directed. Should such parts prove to the manufacturers satisfaction to be faulty - repair of - replacement of defective parts shall constitute fulfillment of guarantee obligations. Parts destroyed, lost or tampered with nullify guarantee.

WARRANTY

SAM Machinery products as designed and supplied by Coombridge & Alexander Ltd, are warranted against faulty workmanship and defective materials for a period of 24 months from date of purchase. Such warranty is subject to the following conditions:

1. This warranty covers the repair or replacement of parts or machinery sold by Coombridge & Alexander Ltd and damaged as a result of faulty workmanship of materials in such part of machinery. It does not extend to any other loss or damage including consequential loss or damage to other property or persons.
2. No responsibility will be accepted for repairs made other than by Coombridge & Alexander Ltd or its accredited agent and without prior authorisation by Coombridge & Alexander Ltd.
 - a. Without limiting the generality of paragraph 1. above, this warranty does not cover the following;
 - b. Losses sustained through delay in delivery
 - c. Travel expenses
 - d. Damage caused by accident, misuse or abuse
3. Damage to any goods which have been altered or modified by someone other than Coombridge & Alexander Ltd or its authorised dealers.
4. Procedure for recovery under warranty;
 1. No loss or damage will be covered under warranty unless the following procedure is followed by the purchaser.
 1. If the purchaser is an authorised dealer -
 - a. Coombridge & Alexander Ltd must first be advised of details of the goods concerned, the loss or damage sustained and the circumstances in which the loss or damage arose.
 - b. Coombridge & Alexander Ltd will then decide if such loss or damage is within the terms of warranty and shall advise the dealer as to how the loss or damage is to be repaired.
 2. If the purchase is not an authorised dealer -
 - a. The loss or damage should be reported directly to Coombridge & Alexander Ltd who will advise whether it is covered by the warranty and direct the purchaser accordingly as to what action is to be taken.