



ARROWQUIP

Q-CATCH 86 SERIES MANUAL SQUEEZE CHUTE

PRODUCT MANUAL



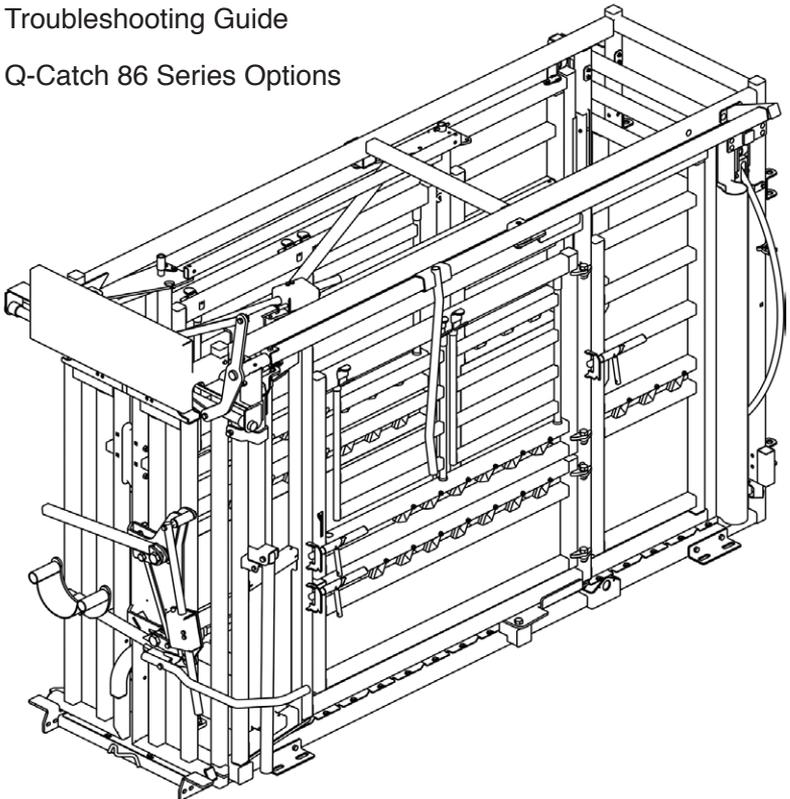
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PLEASE FOLLOW ALL SAFETY INSTRUCTIONS PROVIDED IN THIS MANUAL BEFORE OPERATION. ARROWQUIP DOES NOT ACCEPT RESPONSIBILITY FOR ANY ACCIDENTS OR INJURY WHEN THIS SAFETY MANUAL HAS NOT BEEN READ IN FULL AND KEPT WITH THE PRODUCT AT ALL TIMES. OPERATORS OF THIS PRODUCT TAKE AND ACCEPT RESPONSIBILITY FOR ANY HARM OR INJURY TO THE ANIMAL OR OPERATOR WHEN IT PERTAINS TO HOW THE EQUIPMENT IS BEING USED AND MAINTAINED.

Please keep this manual for frequent reference and to pass on to new users or owners.

1. General Description of the Q-Catch 86 Series Manual Squeeze Chute

Arrowquip's Q-Catch 86 Series squeeze chute is world-renowned as the best in the market. The Q-Catch 86 Series has been designed with overall safety, efficiency, and ease of operation in mind. This cattle chute will keep you, your cattle, and your farm safe. The smooth action, infinite locking head gate and Q-Squeeze are the cornerstone of Q-Catch design; delivering efficient operation every time.

When our engineers reviewed the design to create the 86 Series, they stuck to the "quick, quiet, quality" philosophy and sought out innovative ways to simplify and make the chute even easier to operate, stronger, and to eliminate potential problems through effective design.

2. Safety Precautions

PLEASE TAKE SAFETY PRECAUTIONS MENTIONED HEREIN. ANY HARM TO THE ANIMAL OR INJURY TO THE OPERATOR DUE TO HOW THE PRODUCT IS OPERATED, OR RESULTING FROM A LACK OF SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE OPERATOR.

All farming machinery and equipment is potentially dangerous. Careless use of any of Arrowquip's livestock equipment may cause injury or damage to persons, cattle, or property. Arrowquip has taken care in the design and manufacturing of this product to ensure it is safe and user-friendly. The user must, therefore, assume all responsibility and risk associated with the possession and use of the cattle squeeze chute.



WARNING: READ BELOW BEFORE OPERATION.

Ensure the operator understands the contents of this manual before using the cattle squeeze chute.

1. **Do not wear** loose-fitted clothing.
2. Ensure the cattle squeeze chute is on a firm, level, dry surface which is free of rocks and other trip hazards. A level concrete pad flush with the ground, with the chute, and bolted to the concrete is strongly recommended.
3. **Do not enter** the vet cage until the animal is firmly held and the rump bar has been placed so that the cow cannot back up.

4. **Do not stand** in front of the head gate while operator is moving the cattle through the squeeze chute.
5. **DO NOT ALLOW CHILDREN UNDER THE AGE OF 18 IN CLOSE PROXIMITY OF AN OPERATING MACHINE.**

Please follow safe cattle handling procedures in other areas of the yard so that cattle are more docile in the cattle squeeze. Non-factory modifications to our equipment can reduce the safety of the operator.

3. Risk Assessment

Conduct a risk assessment on procedures for which the cattle squeeze chute used and establish a safe work procedure.

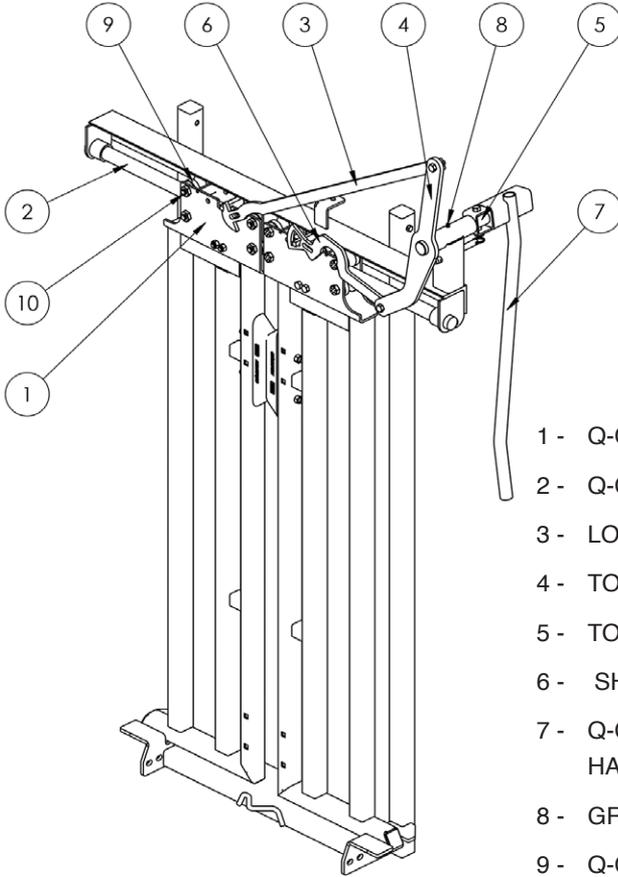
1. Ensure all users of the equipment have been inducted and comply with safe working procedure.
2. Some chemicals and medicines can damage paint. Take all precautions and wash after use.
3. Please ensure that there are NO large hazardous objects inside the chute that may cause injury to the animal or operator.
4. Make sure that your chute has been cleared of ALL livestock after use.

4. Q-Catch 86 Series Squeeze Chute Assembly

Your chute will come fully assembled with the options you have ordered already fitted to the chute. However, it may be necessary to dismantle some parts for freight or other reasons. The following guide will help you to properly reassemble your chute.

ASSEMBLING THE Q-CATCH MECHANISM

Fit the mechanism parts as shown in the diagram below.

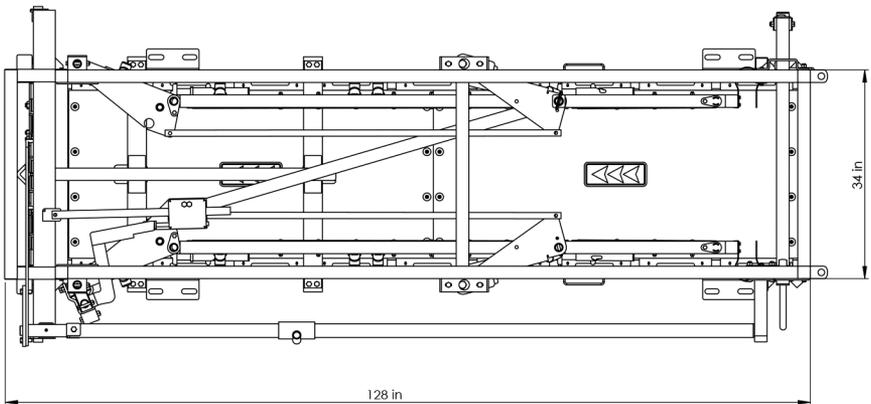


- 1 - Q-CATCH DOOR
- 2 - Q-CATCH TRACK SHAFT
- 3 - LONG HAMMER
- 4 - TOWER CONTROL ARM
- 5 - TOWER SHAFT
- 6 - SHORT HAMMER
- 7 - Q-CATCH CONTROL HANDLE
- 8 - GREASE ZERK
- 9 - Q-CATCH ROLLER
- 10 - Q-CATCH ROLLER BOLT

5. Operating the Head Gate

REMEMBER SAFETY WHEN OPERATING THE HEAD GATE

Ensure all gates and head gate are closed before the animal enters the chute. Open rear sliding (or entry) gate for the animal to enter the squeeze chute enclosure. Close sliding gate. Open head gate slightly more than the neck size of the animal to tempt the animal to stick its head through the head gate. When neck of animal is in the correct position, quickly close the head gate securely on the animal's neck. If required, side squeeze animal and secure head sweep into position to restrain further movement. If the animal applies excessive pulling pressure on head gate, it is advisable to install an anti-backing bar behind cattle rump. Confirm animal is securely held before carrying out any husbandry work.



6. Recommended Maintenance

Arrowquip manual squeeze chutes are made with precision parts. However, regular maintenance is needed to keep your chute running smoothly and safely.

1. Keep grease nipples on main control handle greased.
2. Oil slam latches, lube bolts, door hinges periodically - recommended every 6 months.
3. Clean bottom head gate door tracks to prevent dirt build-up.
4. Check mechanism pivot bolts for wear and replace or lubricate as necessary.
5. Clean and lubricate main locking shaft doors as necessary.

Inspect for signs of mechanical damage, specifically to gate latches and striker plates, and ensure gates are locking securely.

7. Warranty

IMPORTANT INFORMATION REGARDING YOUR WARRANTY: You must be registered to claim your warranty, and to ensure that if Arrowquip needs to recall a part pertaining to your equipment that Arrowquip has the required information to do so. Any owner of any piece of equipment who fails to do so voluntarily voids their warranty.

NOTE: Any modification, in any fashion to any of Arrowquip's equipment immediately voids the warranty. This includes the parts contained therein. EXAMPLE: If a modification is done to the squeeze mechanism in a squeeze chute and the sternum bar is bent afterwards, warranty for the part (sternum bar) contained in the modified equipment (squeeze chute) is void as well as the squeeze chute and other parts contained therein (including but not limited to - head gate, locking system, Q-Catch system, rollers, etc.)

REGISTER FOR WARRANTY NOW:

Online: arrowquip.com

Phone: 1-866-383-7827

Email: operations@arrowquip.com

8. Troubleshooting Guide

If you have a problem with your Q-Catch 86 Series squeeze chute, please consider the following pointers or call us at 1-866-383-7827.

1. To ensure proper operation make sure the head gate is situated on level ground or base.
2. If head gate has minimal use over extended periods, this may cause head gate doors to become stiff to operate and the releasing mechanism may be difficult to release. This can be easily fixed by a light lubrication of roller bolts and the Q-Catch track shaft with WD40. Lubricate rollers by spraying a shot of lubricant directly onto the Q-Catch roller bolts on each side of Q-Catch roller, work each head gate door back and forth to work lubricant into rollers. Lubricate Q-Catch track shaft by spraying a clean rag with WD40 until damp, take rag and wrap it around head gate shaft and using a sliding action go back and forth a couple of times. You will need to do this while the head gate doors are closed and also with the head gate doors open, to ensure that the entire shaft is lubricated.
3. Make sure head gate door tracks are free of debris to ensure proper operation.

4. Excess build-up of manure or dirt inside chute can cause malfunction of squeeze and chute door operation.
5. Check for wear of the Q-Catch track shaft; severe wear may cause friction lock to malfunction. Check nuts and bolts on items and ensure that they are tightened correctly. Too tight will cause the locking and releasing of head gate doors to malfunction. Too loose will cause premature wear on head gate parts.

On the Q-Catch head gate, there is a short hammer and long hammer between head gate handle pivot and head gate doors. These two hammers have a slot in them - check that there is free movement for the length of this slot, and the lock nuts are correctly tightened. These hammers also contact the release pins on the lock plates when the head gate handle is pulled back. Ensure there is an air gap between levers and release pins when head gate handles is being pushed or in an idle position.

9. Q-Catch 86 Series Options

Q-CATCH HEAD HOLDER

A simple yet highly effective addition, the head holder is a sturdy mechanism that clamps around the animal's neck and holds the head immobile to allow the handler up-close access to the animal with minimal stress, maximum safety, and ultimate efficiency.

Safety Precautions:

1. Ensure that the head holder remains open until required to hold the animals head.

Installation:

1. Rest head holder on the bottom 1-1/2" spacer on control side of head gate.
2. Install 1/2 x 3-1/2 bolts through face of head holder and install large washers on back of head gate doors, then tighten bolts.

CHUTE TRAILER

Refer to Chute Trailer manual.

STERNUM BAR

The purpose of the sternum bar is to keep the cattle from going down. This can be easily installed and removed as necessary.

Safety Precautions:

1. Please ensure that the Sternum Bar is installed correctly before letting cattle through the Squeeze Chute.

Installation:

1. Insert long sternum bar tube into rear bracket on floor of chute.
2. Insert short sternum bar support into long sternum bar tube receiver, and insert bottom shoe plate into front bracket on the floor of chute.
3. Tighten all jamb bolts.



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