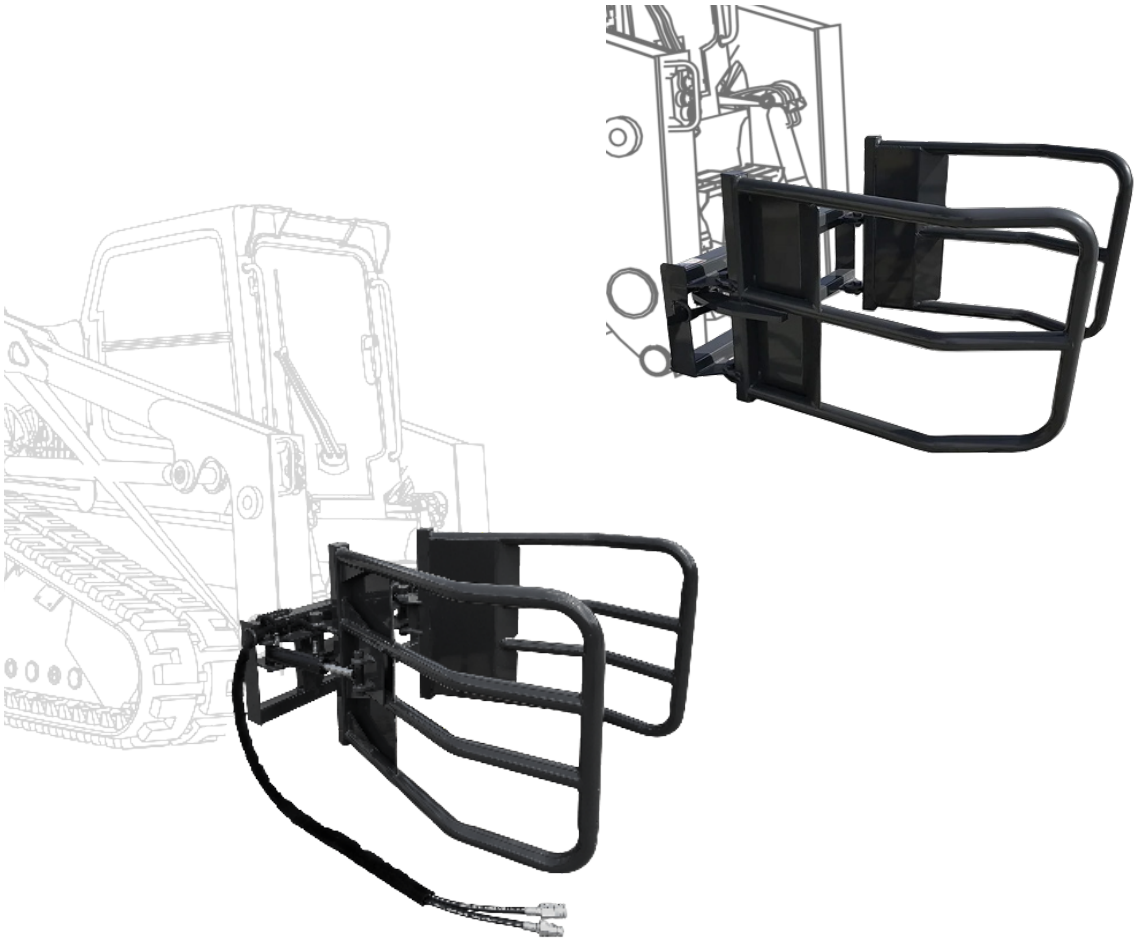
IRONCRAFT

BALE SQUEEZER
HEAVY DUTY, EXTREME



OPERATION AND PARTS MANUAL

Read and understand the manual. This manual provides information and procedures to safely operate and maintain the Bale Squeezer.

JUN 2026

REGISTER YOUR PRODUCT

IRONCRAFT

423-405-5150

MODEL		WEIGHT	
PART		HP RANGE	
SERIAL			
HYDRAULIC PRESSURE		HYDRAULIC FLOW	

WWW.IRONCRAFTUSA.COM

Please see the inside of the back cover for instructions of where to find your model and serial number.

⚠WARNING

To prevent personal injury or even death, be sure you read and understand all the instructions in this manual and other related OEM equipment manuals! This attachment if not used and maintained properly, can be dangerous to users unfamiliar with its operation. Do not allow operating, maintaining, adjusting, or cleaning of this attachment until the user has read this manual and has developed a thorough understanding of the safety precautions and functions of the unit. DO NOT modify or use this attachment for any application other than that for which it was designed. Attachments maintained or operated improperly or by untrained personnel can be dangerous, exposing the user and/or bystanders to possible serious injury or death.

Purchase Date:	
Dealer Name:	
Address:	
Phone Number:	

WELCOME

Thank you for choosing IRONCRAFT. This attachment has been designed and manufactured to meet the needs of discerning users. We are committed to providing you with a heavy duty product that will provide years of satisfaction and safe operation.

This manual will provide instructions on how to safely operate and maintain this attachment. All users must read and understand this manual before operating this attachment. Upon reading this manual, all users should sign the “Safety Acknowledgment Form” at the end of this manual.

Please record your model and dealer information on the inside front cover. You will be asked to provide this information when ordering parts or requesting service. If you need more information on this product, contact your local dealer or visit *WWW.IRONCRAFTUSA.COM.*

Sincerely,

IronCraft

Copyright © 2026, IronCraft Attachments, INC All Rights Reserved. This manual may not be reproduced or copied, in part or in whole without written permission from IronCraft Attachments, INC.

TABLE OF CONTENTS

INTRODUCTION.....3

WARRANTY DISCLAIMERS.....5

SECTION 2 SAFETY INFORMATION

2.0 Safety Terms.....6
2.1 Safety Symbols.....7-8
2.2 Safety Decals.....9-10
2.3 Skid Steer /Tractor Loader Requirements.....11
2.4 Personal Protective Equipment Requirements.....11
2.5 General Safety Instructions.....12
2.6 Federal Laws & Regulations.....13

SECTION 3 OPERATING PROCEDURES

3.0 Unpacking Your Hay Bale Squeezer.....14
3.1 Pre-Operating Checklist.....14
3.2 How to Connect Attachment.....15-16
3.3 Controls.....16
3.4 First Time Use.....17
3.5 Operating Tips.....18
3.6 How to Disconnect Attachment.....19

SECTION 4 MAINTENANCE PROCEDURES

4.0 Maintenance Overview.....20-21
4.1 Maintenance Schedule.....21
4.2 Maintenance Log Instructions.....22
4.3 Storage Tips.....22
4.4 Torque Specification Table And Instructions.....23
4.5 Torque Equipment Requirements.....23

SECTION 5 TROUBLESHOOTING

5.0 Troubleshooting Chart.....24

SECTION 6 SPECIFICATIONS

6.0 Specification Chart.....25

SECTION 7 PARTS INFORMATION

7.0 Parts Information Form.....26
7.1 Heavy Duty Bale Squeezer Parts Diagram.....27
7.2 Extreme Duty Bale Squeezer Parts Diagram.....28

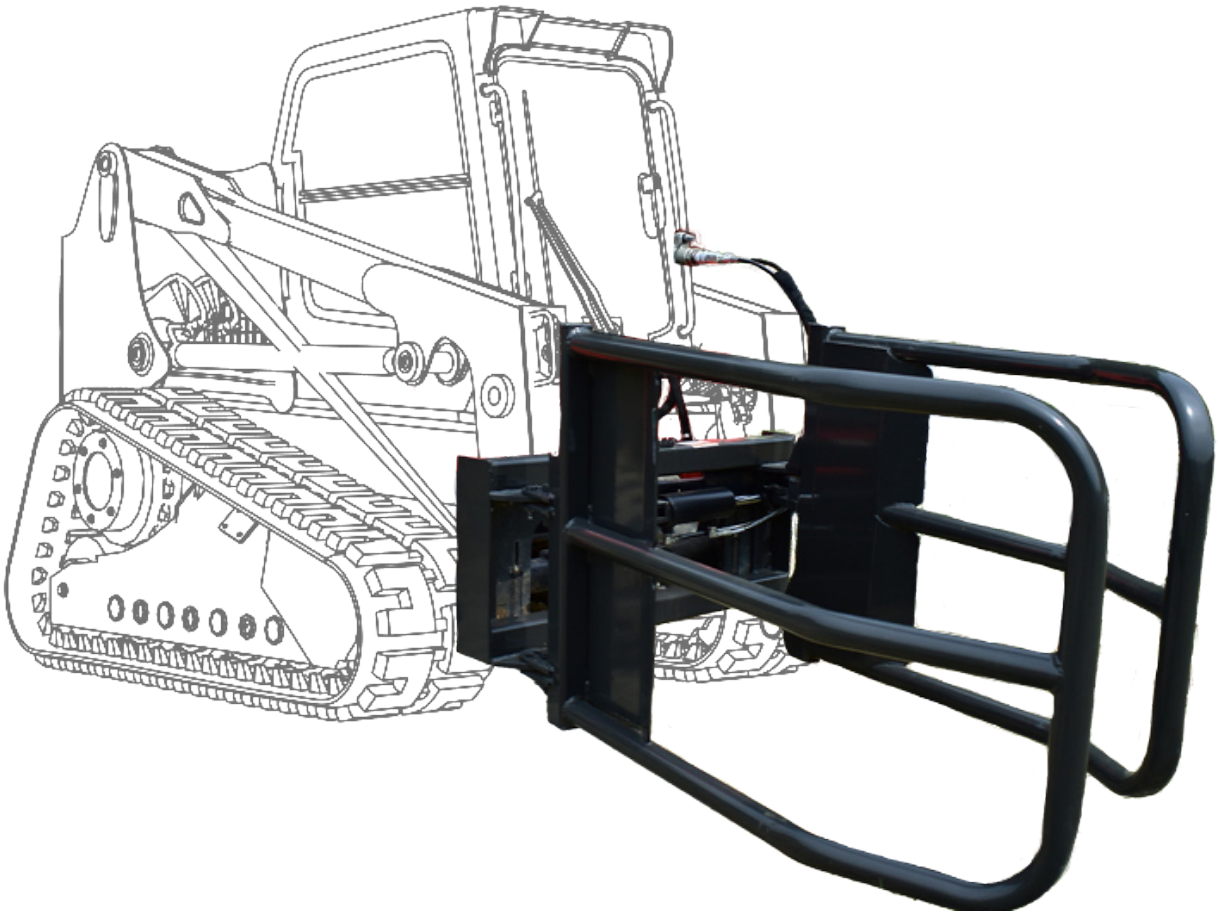
SECTION 8 WARRANTY INFORMATION

8.0 Warranty Statement.....29

SECTION 9 SAFETY ACKNOWLEDGMENT & MAINTENANCE LOG

9.0 Safety Acknowledgment & Maintenance Log.....30

APPENDIX A HOW TO FIND YOUR SERIAL NUMBER.....31



IMPORTANT WARRANTY DISCLAIMERS

ATTENTION: If your attachment has control valves, cylinders, gearboxes, or motors and they are opened or disassembled, the WARRANTY for that item WILL IMMEDIATELY BE VOIDED!

HYDRAULIC FLUID STATEMENT: Check your machine's hydraulic level and add hydraulic fluid if necessary before each use. Inspect for leaks, and repair if necessary. **Always use your machine's manufacturer recommended hydraulic fluid in your machine!** Fluid must be clean and debris free. If damage occurs from debris in hydraulic fluid flowing from your machine to our attachment it will VOID the warranty on any cylinders, motors, couplers, manifolds &/or valves (relief, lock, selector, check and flow control) downline from that flow.

WARNING: This product can expose you to chemicals including benzene and mineral oils, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

SECTION 2

SAFETY INFORMATION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
Hay Bale Squeezer	implement, attachment, squeezer, hay bale grabber
Machine	skid steer loader, skid steer, loader, prime mover, host machine, tractor
Operator	user, personnel

The **Hay Bale Squeezer** is designed and manufactured with safety in mind. However, improper use and operator error can result in death or serious injury. It is important that you read and fully understand the safety instructions and operating procedures presented in this manual before operating this attachment. Accident prevention is a combination of good judgment, common sense, awareness and proper training!

⚠ BEFORE YOU OPERATE THIS HAY BALE SQUEEZER:

KNOW how to safely operate your machine.

READ and UNDERSTAND the safety instructions and operating procedures contained in this manual.

ACKNOWLEDGE your understanding of all safety instructions presented in this manual by signing the “Safety Acknowledgment Form” at the end of this manual.

Although every effort has been made to ensure a safe product, every possible circumstance that could pose a potential hazard cannot be anticipated. The warnings presented in this manual and on this product, are therefore not all-inclusive.

In addition to the safety messages presented in this section, you must also read and understand the safety messages presented in the other sections of this manual.

This manual and the decals on this machine use safety symbols, hazard labels, pictograms and color coded signal words to alert you to potential hazards that may cause severe injury or death if a safety instruction is ignored.



SAFETY ALERT SYMBOL - This symbol is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

HAZARD CLASSIFICATIONS

Hazards are identified by the “Safety Alert Symbol” and followed by the signal word “DANGER”, “WARNING”, or “CAUTION”.

DANGER

Indicates an imminently hazardous situation which,

if not avoided, will result in death or serious injury.

This signal word is limited to the most extreme situations.

WARNING

Indicates a potentially hazardous situation which, if

not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which,

if not avoided, may result in minor or moderate injury.

NOTICE

Indicates a situation which may cause damage to equipment or property.

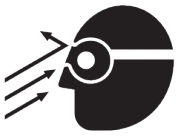
Messages are not related to personal injury.

Safety Instructions

Indicates specific safety-related instructions or procedures.

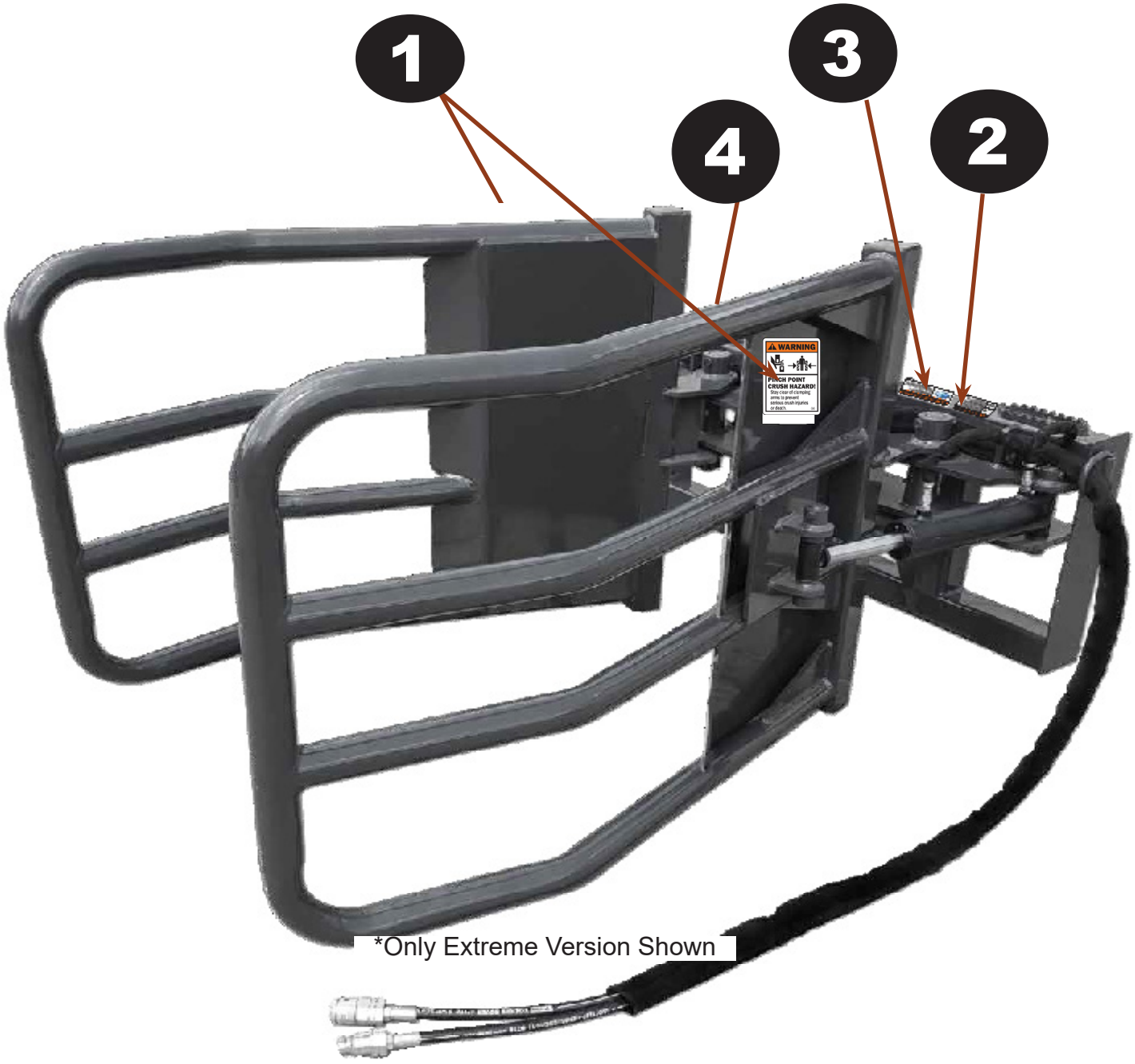
2.1 SAFETY SYMBOLS

Pictograms are graphic symbols meant to alert you of a potential hazard. Read and understand the hazard description for each of these symbols.

Pictogram	Description
	**PINCH HAZARD**: Keep clear of machine and attachment to prevent death or serious injury from pinching of moving parts.
	**OPERATING MANUAL**: Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.
	**EYE PROTECTION & CARDBOARD**: Operators and Maintenance personnel must wear proper eye protection and use cardboard or wood to investigate hydraulic leaks to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	**HIGH PRESSURE FLUID INJECTION HAZARD**: Operators and Maintenance personnel must not place fingers or hands directly over a hydraulic leak to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	**NO BYSTANDERS**: DO NOT operate this attachment near bystanders. Bystanders must stay back at least 30 feet from the attachment to prevent death or injury from falling objects.
	**CRUSH HAZARD**: DO NOT place any part of the body under the attachment or machine arms to prevent death or serious injury from being crushed .

Safety warning decals are located on this attachment near immediate areas of potential hazards. Operators must learn the meaning of each decal and know where to find the decal on the attachment.

Extreme Bale Squeezer



*Only Extreme Version Shown

2.2 SAFETY DECALS

The safety decals affixed to this attachment are to keep you safe. DO NOT ignore these decals. Read and understand each decal's safety message. Follow these Safety Decal Instructions: ***WHEN ORDERING, CHOOSE THE PROPER DECAL FOR YOUR MODEL***

REF	DESCRIPTION	LABEL	QTY
1	PINCH/CRUSH HAZARD		2
2	HIGH PRESSURE FLUID HAZARD WARNING		2
3	FALLING HAZARD DANGER LABEL		1
4	DO NOT OPERATE MACHINE BEFORE READING OWNER'S MANUAL		1

CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS

- **Decals must be kept clean and legible at all times.**
- **Operators must inspect the attachment for safety decals.**
- **Replace missing, worn or damaged decals immediately.**
- **When using a hot pressure washer to clean this attachment make sure water jet is not too close to the decal as this may cause the decal to peel.**
- **When replacing parts, be sure safety decals are in place prior to using the attachment.**
- **Make sure metal surface is dry and free of dirt and grease before affixing decals to this attachment.**

2.3 SKID STEER / TRACTOR LOADER REQUIREMENTS

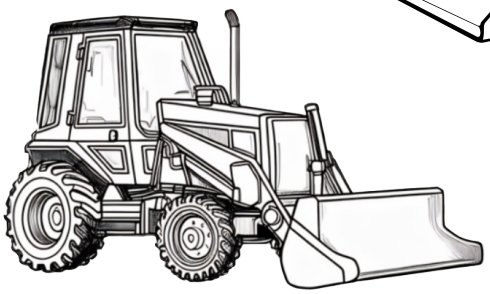


Tracked

VS.



Wheeled



A 4WD Tractor and/or using additional counterweights, a Tracked Skid Steer or Compact Track Loader (CTL) will provide superior stability in this application.

Follow the operating instructions in your Skid Steer/Tractor operator's manual.

⚠ CAUTION

Make sure your machine is in good operating condition. Follow the operating instructions found in the operator's manual. Failure to do so could result in minor or serious injury.

Consult the host machine's rated operating capacity to unsure you have the proper lift capacity for optimal operation of your attachment. Flow range MUST support the attachment. Standard flow only!

2.4 PERSONAL PROTECTIVE EQUIPMENT (PPE)

All operators should wear hearing protection, safety glasses, hand protection and dust mask while operating this attachment.









2.5 GENERAL SAFETY INSTRUCTIONS

MAKE SURE YOU FOLLOW THE GENERAL SAFETY INSTRUCTIONS THAT RELATE TO THE OVERALL OPERATION AND MAINTENANCE OF THIS ATTACHMENT. IT IS IMPORTANT THAT YOU READ AND UNDERSTAND EACH OF THESE MESSAGES TO PREVENT SERIOUS INJURY OR DEATH.

NEVER use drugs or alcoholic beverages while operating or servicing this attachment.

ALWAYS operate this attachment during daylight or well-lit areas.

We recommend using a high strength clear protective door panel when using with this attachment.

To prevent the machine and attachment from rolling forward, stop the engine and set the parking brake when exiting the machine.

Inspect attachment for loose or missing hardware prior to using this machine.

DO NOT allow children to play on or around this attachment at any time. Store this attachment in an area not frequented by children.

ALWAYS wear the proper personal protection equipment while operating or servicing this attachment. NEVER operate or service this attachment with bare feet, sandals, or other light footwear.

ALWAYS wear work gloves when handling this attachment to protect your hands.

ALWAYS use eye protection while operating or servicing this attachment.

ALWAYS watch for overhead power lines.

DO NOT place any part of your body under this attachment.

NEVER operate this attachment when bystanders are within 30 feet of your work area. Falling material could cause serious injury or death.

NEVER position your body or limbs under an unsupported attachment.

DO NOT allow this attachment to contact buildings, utilities, large rocks or tree stumps or you may lose control of the machine.

DO NOT operate this attachment during lightning or severe weather conditions.

DO NOT allow riders on the machine or on this attachment.

ALWAYS call 811, the "Digger's Hotline" before digging to identify underground utilities to avoid an accident that could result in Death or Serious Injury to the operator.

DO NOT speed! Speed Kills! Keep your driving speed between 2 and 5 mph.

IMPORTANT FEDERAL LAWS AND REGULATIONS CONCERNING EMPLOYERS, EMPLOYEES, AND OPERATORS

This section is intended to explain in broad terms the concept and effect of the following federal laws and regulations. It is not intended as a legal interpretation of the laws and should not be considered as such.

U.S. PUBLIC LAW 91-596 (The Williams-Steiger Occupational Safety and Health Act of 1970) OSHA

This Act Seeks:

" ... to assure so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources... "

Sec. S(a) Each Employer – **DUTIES**

(1) shall furnish to each of its employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to its employees.

(2) shall comply with occupational safety and health standards promulgated under this Act.

(b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his or her own actions and conduct.

OSHA Regulations

Current OSHA regulations state in part: "At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee in the safe operation and servicing of all equipment with which the employee is, or will be involved." These will include (but are not limited to) instructions to:

Keep all guards in place when the machine is in operation;

Permit no riders on equipment;

Stop engine, disconnect the power source, and wait for all machine movement to stop before servicing, adjusting, cleaning, or unclogging the equipment, except where the machine must be running to be properly serviced or maintained, in which case the employer shall instruct employees as to all steps and procedures which are necessary to safely service or maintain equipment.

Make sure no one is within 300 feet of machinery before starting the engine, engaging power, or operating the machine.

EMPLOYEE MACHINE OPERATING INSTRUCTIONS:

1. Securely fasten your seat belt if the machine has a ROPS.
2. Where possible, avoid operating the machine near ditches, embankments, and holes.
3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
4. Stay off slopes too steep for safe operation.
5. Watch where you are going, especially at row ends, on roads, and around trees.
6. Do not permit others to ride.
7. Operate the machine smoothly - no jerky turns, starts, or stops.
8. Hitch only to the drawbar and hitch points recommended by machine manufacturers.
9. When machine is stopped, set brakes securely and use park lock if available.

Child Labor Under 16 Years Old

Some regulations specify that no one under the age of 16 may operate power machinery. It is your responsibility to know what these regulations are in your own area or situation. (Refer to U.S. Dept. of Labor, Employment Standard Administration, Wage & Home Division, Child Labor Bulletin # 102).

SECTION 3

OPERATING PROCEDURES

Your attachment may arrive from the factory strapped to a wood pallet and requires no final assembly. Use a steel band cutting tool to remove the steel straps.

⚠ CAUTION

Shipping straps are under great tension, and could lash out uncontrollably when cut causing injuries to your body or bystanders. Keep bystanders away and wear safety glasses and gloves while removing the steel straps.

3.1 PRE-OPERATING CHECKLIST

Pre-Operating Checklist	
☐	Attachment is securely attached to the machine and pins are locked.
☐	Attachment is in working condition and all bolts and nuts are tight.
☐	Hydraulic hoses are connected and locked to the host machine's hydraulic couplers with no signs of hydraulic fluid leaks present.
☐	Safety labels are present and legible.
☐	No material, rope, wire, etc. is obstructing the machine or attachment
☐	The area of operation is clear of bystanders and any obstacles that could damage the equipment or injury to the operator.
☐	The operator is of good health and not under the influence of any mind altering substances or alcohol.
☐	Check the machine's hydraulic fluid level and add manufacturer recommended fluid if necessary.

GENERAL ATTACHMENT METHOD

Refer to your machine operator's manual for specific instructions on how to connect and disconnect your attachment.

This attachment method refers specifically to skid steers. For all other attachment instructions, refer to the Original Equipment Manufacturer (OEM) for instructions.

1. Ensure the hydraulic lines are clear from the front side of the attachment bracket and that the levers on the skid steer Quick Attach Coupler are in the unlocked position.
2. Tilt the skid steer loader Quick Attach Coupler slightly down and drive forward to the rear of the hay bale squeezer until the top edge of the Quick Attach Coupler hooks under the lip of the attachment bracket. See figure 3.1a below.
3. Slightly tilt the skid steer Quick Attach Coupler upward until the attachment bracket is flat against the skid steer Quick Attach Coupler. See figure 3.1a below.



FIGURE 3.1A – QUICK ATTACH COUPLER LOCKED TO ATTACHMENT

4. Activate your skid steer's lever lock switch to lock the pins into the attachment bracket. If your skid steer does not have this switch, manually lock the pins as shown in Figure 3.1b below.

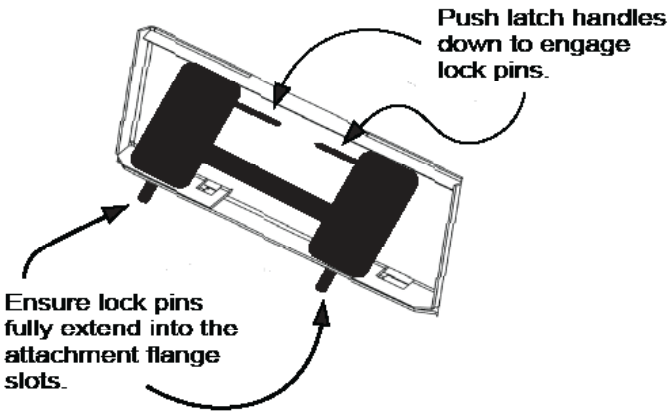


FIGURE 3.1B QUICK ATTACH COUPLER LOCKED TO ATTACHMENT BRACKET



FIGURE 3.2C TRACTOR PIN ON HOOKUP

NOTICE

To keep contaminants from entering the hydraulic system, use a clean cloth to wipe away dirt and grease from the hydraulic couplers.

3.2 HOW TO CONNECT ATTACHMENT

⚠WARNING

To avoid serious injury or death, ensure locking pins fully extend through the slots on the attachment bracket and that levers are down in the locked position to prevent bale squeezer from detaching from skid steer.

5. Connect the attachment hydraulic hoses to the auxiliary supply couplers located on your skid steer loader lift arm.

NOTICE

Check that hydraulic hoses are locked into the machine's couplers with the preferred output auxiliary port corresponding to the correct input line on the attachment before use.

Check the hose routing through the full range of intended motion before operating attachment. It is the responsibility of the owner/operator to make sure the hoses are routed correctly and are not pinched.

NOTICE

If during your initial startup, you realize the hay bale squeezer operates in the opposite direction that you prefer, you can change positions of the quick disconnect couplers on the attachment hoses to remedy your problem.

3.3 CONTROLS

Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.

ATTACHMENT CONTROLS

Your hay bale squeezer is designed to run off the host machine's auxiliary hydraulic system, and is activated and deactivated by a control in the operator's cab. The height and tilt functions of your squeezer are operated with the control handles or pedals in the cab. Consult your machine operator's manual for instructions regarding these functions.

HYDRAULIC FLOW REQUIREMENTS-NEVER USE HIGH FLOW

When operating the attachment, always use your machine's standard auxiliary flow. Never use high flow as damage will occur to the cylinders, possibly causing contamination! If you are unsure of the machine's flow rate, contact the machine dealer.

NOTICE

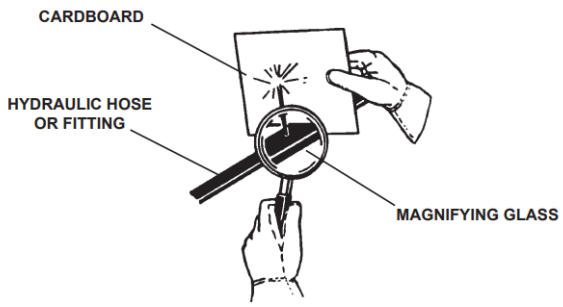
Before operating your attachment, check the hydraulic fluid level in the machine and add fluid if necessary.

Verify that hydraulic hoses are securely locked to the machine's hydraulic couplers before starting the squeezer.

1. Set machine engine RPM to just above idle and flip the auxiliary hydraulic switch to the ON position.
2. Raise the attachment 6-12 inches off the ground.
3. Slowly engage the hydraulic flow until the squeezer arms are fully open.
4. Fully close squeezer arms.
5. Repeat steps 3 and 4 above to purge air from the system, then switch off the auxiliary hydraulic circuit .
6. Lower the attachment to the ground, set parking brake, then shut off machine engine and exit the cab.
7. Check the hydraulic fluid level in the machine, add manufacturer recommended fluid if necessary.

⚠WARNING

To avoid serious injury by hydraulic fluid injection into your skin, never use your hand or other body parts to locate a hydraulic leak. Detect leaks with a piece of wood or cardboard. Flesh injected with Hydraulic fluid may develop gangrene or other permanent disabilities.



8. Inspect the hay bale squeezer hydraulic hoses and connectors for noticeable leaks. Fix before continuing.

3.5 OPERATING TIPS

⚠WARNING

Never operate this attachment in an enclosed work area. Exhaust fumes could result in serious injury or death. This attachment should be used in an open air environment.

1. Keep all bystanders away when transporting or stacking hay bales.
2. Transport hay bales as low to the ground as possible.
3. When stacking hay bales watch for overhead obstructions/cables or wires. *See Example 1*
4. When carrying bales that have been wrapped in plastic make sure the squeezer arms are fully opened before pulling away with the tractor to prevent tearing the plastic and causing possible spoilage.
5. After clamping a bale, the machine loader arms should tilt back slightly when transporting. *See Example 2*
6. When picking a hay bale from a stack, always pick from the top of the stack.
7. Never try to grab or transport a hay bale with another bale stacked on top. *See Example 3*
8. Never push and pull objects using the attachment or clamp trees and other objects as damage could occur.

Example 1



Example 2



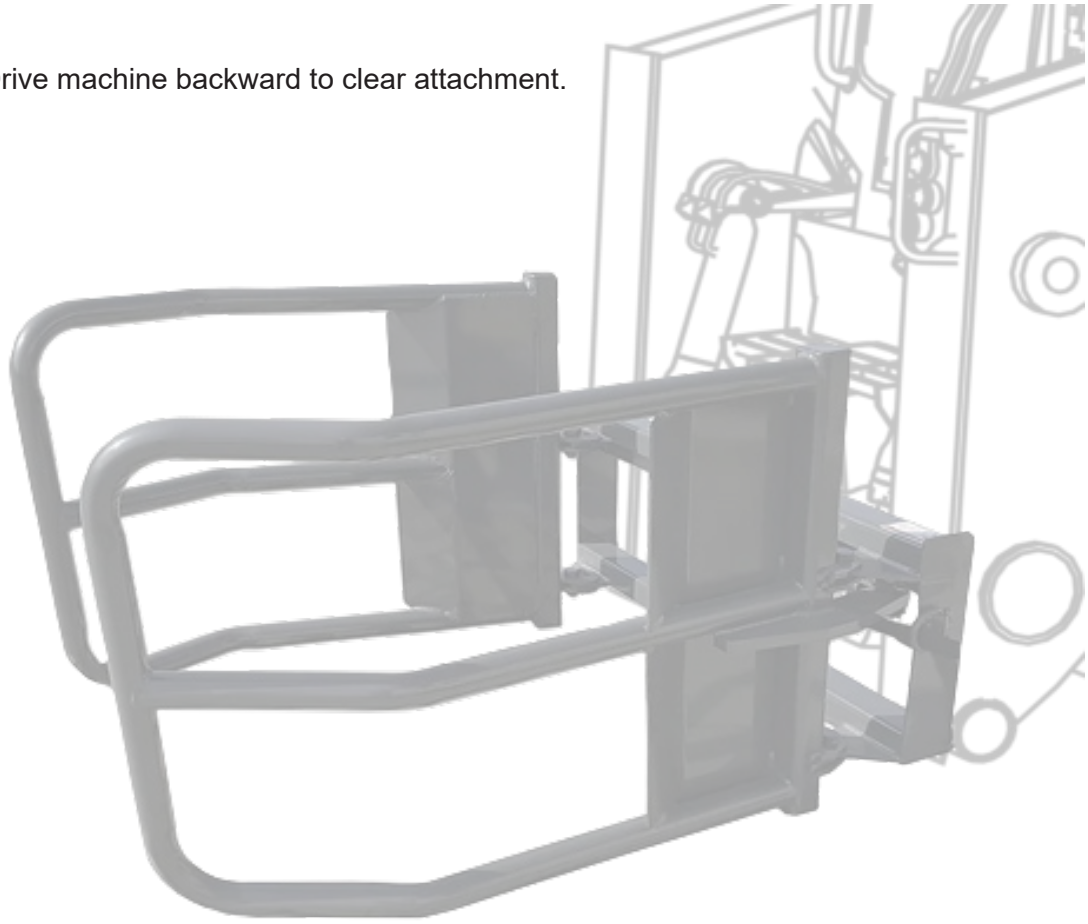


Example 3

*Pictures shown are for reference only and may depict other models.

DISCONNECTING ATTACHMENT

1. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure.
2. Park machine on a flat and level surface then lower bale squeezer to the ground.
3. Set parking brake and disengage lock pins using the lock lever switch (if installed skip step 6).
4. Turn off machine engine.
5. Disconnect hydraulic hoses.
6. Pull latch handles to disengage lock pins.
7. Re-enter cab and start machine engine.
8. Tilt mounting coupler forward until Quick Attach Coupler is free from mounting bracket.
9. Drive machine backward to clear attachment.



SECTION 4

MAINTENANCE PROCEDURES

The maintenance procedures described in this manual should only be carried out by qualified mechanics who have been trained to repair this attachment.

Some procedures require special tools and skills to complete. DO NOT attempt to repair or perform service work on this attachment unless you have the skills and tools to do so. Contact your local dealer for maintenance and repair services.

WELDING REPAIRS

Welding on attachments must be performed by certified welders who have requested and obtained written approval from an authorized representative of the manufacturer before welding begins.

All authorized welding repairs must be performed by qualified welders in accordance to the American Welding Society (AWS) standards. Welding procedures performed by unqualified welders may deem this attachment unsafe to operate and **VOID THE WARRANTY**!.

WARNING **Only use genuine Original Equipment Manufacturer (OEM) replacement parts on this attachment. We will not be liable for any damages or injuries caused by the use of after market parts on this attachment.**

NOTICE

Improper maintenance or modifications to the design or performance of this attachment will void the warranty. **ONLY use genuine OEM replacement parts on this attachment.**

Obey the following safety instructions when servicing or repairing this machine.

Wear proper Personal Protective Equipment (PPE) while working on this attachment, which may include safety glasses, hard hats, steel toe boots, gloves, etc.

If servicing is performed while the hay bale squeezer is attached to the machine, turn engine off, set parking brake and chock wheels to prevent machine from moving.

Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.

Wear a welding helmet when welding to protect your eyes, face and neck from flash burn, ultra-violet radiation and heat.

⚠ **Only perform service work in a well-lit area.**

⚠ **Allow the attachment to cool down before servicing this machine..**

⚠ **NEVER work under an unsupported hay bale squeezer.**

4.1 MAINTENANCE SCHEDULE

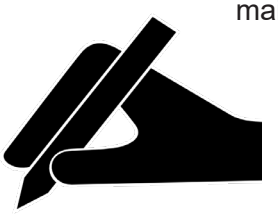
This **Hay Bale Squeezer** will provide years of dependable service if routine maintenance procedures are performed. The maintenance tasks listed below are based on normal operating conditions. More frequent maintenance may be necessary with intense use or when operating in adverse environmental conditions.

MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
Check host machine's hydraulic fluid level. Add fluid as necessary. *Please refer to out "Hydraulic Fluid and Oil Statement" on page 5 for gear oil or hydraulic fluid instructions.*	X		
Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary.	X		
Inspect and replace any worn, torn, or missing safety decals.	X		
Inspect hydraulic hoses and connectors for damage or leakage. Repair or replace hydraulic items as necessary.	X		
Lubricate all pivot or pinned joints using #2 Lithium grease.	X		
Wash hay bale squeezer and inspect for cracked welds or damage that would cause attachment failure. Repair before use.		X	
Check attachment for major scratches & dings. Sand and repaint these areas to prevent rust damage. *Use formulated for farm equipment which can be found at your local hardware store.			X

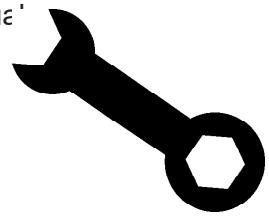
⚠ DANGER **ONLY service the attachment on stable, even terrain. NEVER park on sloped terrain to avoid being struck and killed or seriously injured by the unexpected rolling or movement of the machine.**

4.2 MAINTENANCE LOG INSTRUCTIONS

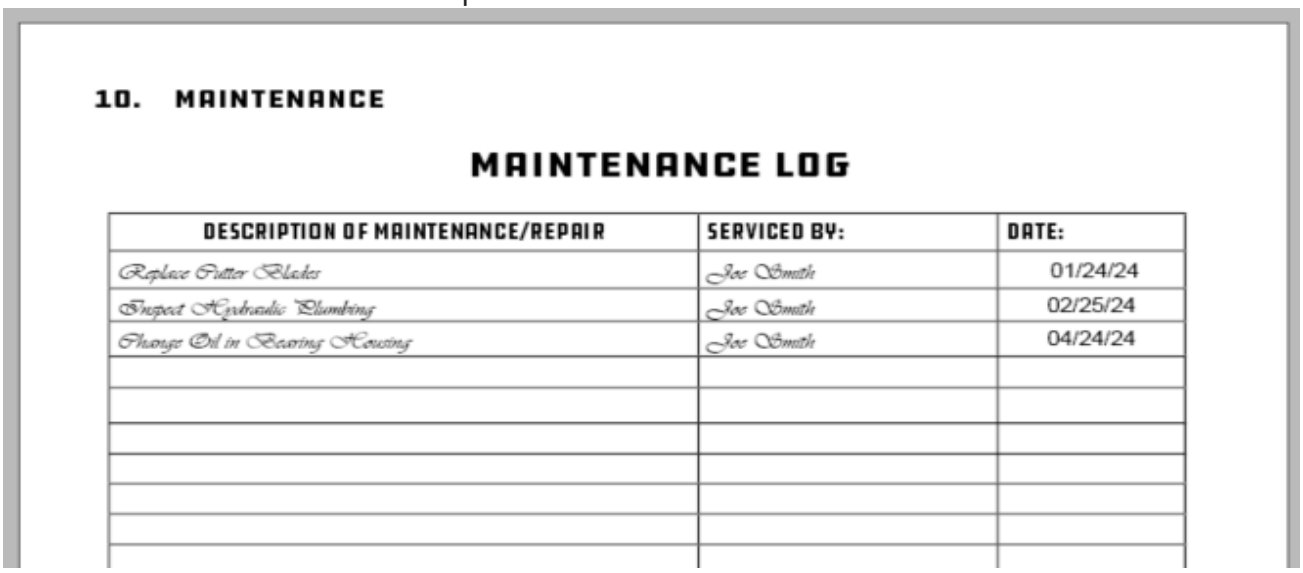
Document all maintenance and service activities performed on this attachment using the maintenance log sheets included at the end of this manua'



MAINTENANCE LOG



Use the log sheets at the end of this manual to document all routine maintenance and repair services performed on this attachment.



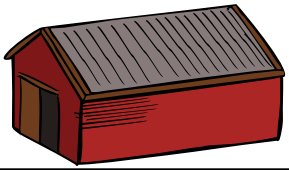
10. MAINTENANCE

MAINTENANCE LOG

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:
Replace Cutter Blades	Joe Smith	01/24/24
Inspect Hydraulic Plumbing	Joe Smith	02/25/24
Change Oil in Bearing Housing	Joe Smith	04/24/24

4.3 STORAGE TIPS

To get years of quality use out of your attachment, follow these tips when storing your attachment for the season:

	Ensure attachment is free of water, debris, dirt and grease.
	Store your attachment in a dry shed or garage.
	When storing your attachment for the season, cover with a weather proof tarp to protect it from the elements.

4.4 TORQUE SPECIFICATION TABLE AND INSTRUCTIONS

BOLT TORQUE INSTRUCTIONS

1. Apply and maintain proper torque on all bolts.
2. Use lubricated torque values when applying Loctite. **Do not grease or oil bolts.**
3. Wipe bolts clean and use Loctite 635 or equivalent before tightening bolts. May need curing activator.
4. Use a torque wrench to assure the proper amount of torque is being applied to the bolt.
5. **MUST CURE 72 HOURS BEFORE USE TO PREVENT LOOSENING OF BOLTS.**

TORQUE VALUES

SAE GRADE 8

	DRY lb.-ft.	LUBRICATED lb.-ft.
1/4”	12	9
5/16”	24	18
3/8”	45	35
1/2”	110	80
3/4”	380	280
7/8”	600	450
1”	910	680
1 1/4”	1820	1360
1 1/2”	3162	2688

4.5 TORQUE EQUIPMENT REQUIREMENTS

TOOLS & EQUIPMENT REQUIREMENTS

To complete the maintenance procedures described in this section, you may need the following tools:

- 1/2 inch drive breaker bar
- 3/4 inch impact socket
- 1/2 inch impact socket
- Tapping Hammer
- 1/2 inch drive torque wrench
- Nylon pry bar set
- Safety stands
- **Loctite 635 or Equivalent-MUST CURE 72 HRS**
- Lifting device (overhead crane hoist, forklift)



NOTE:

When removing bolts with Loctite, it will be necessary to apply localized heat of at least 250 degrees Celsius or to 482 degrees Fahrenheit to loosen bolts.

LOCTITE 635 TECHNICAL SPECIFICATIONS FOR BONDING, CURING, REMOVAL AND INSTALLATION CAN BE FOUND HERE: https://next.henkel-adhesives.com/

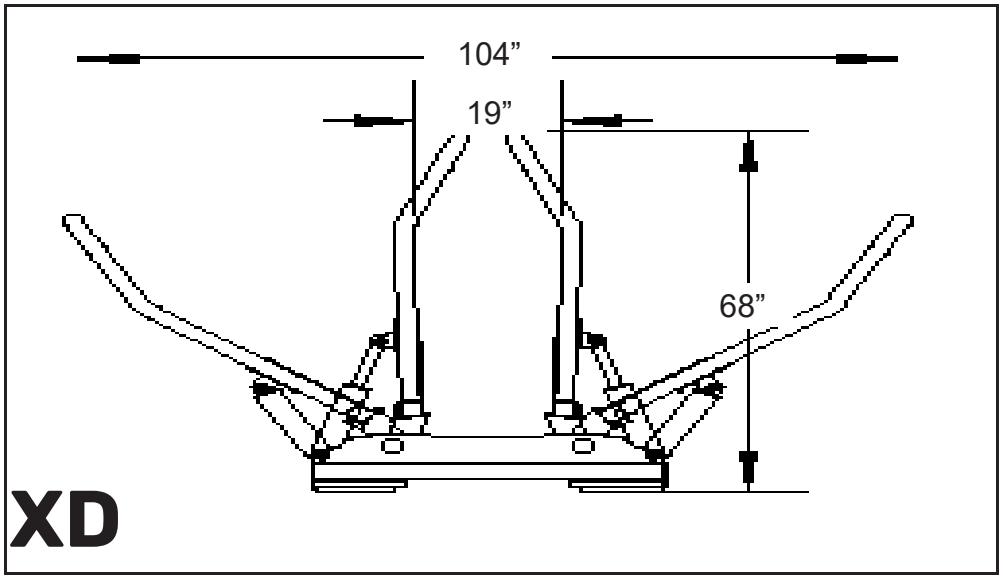
SECTION 5

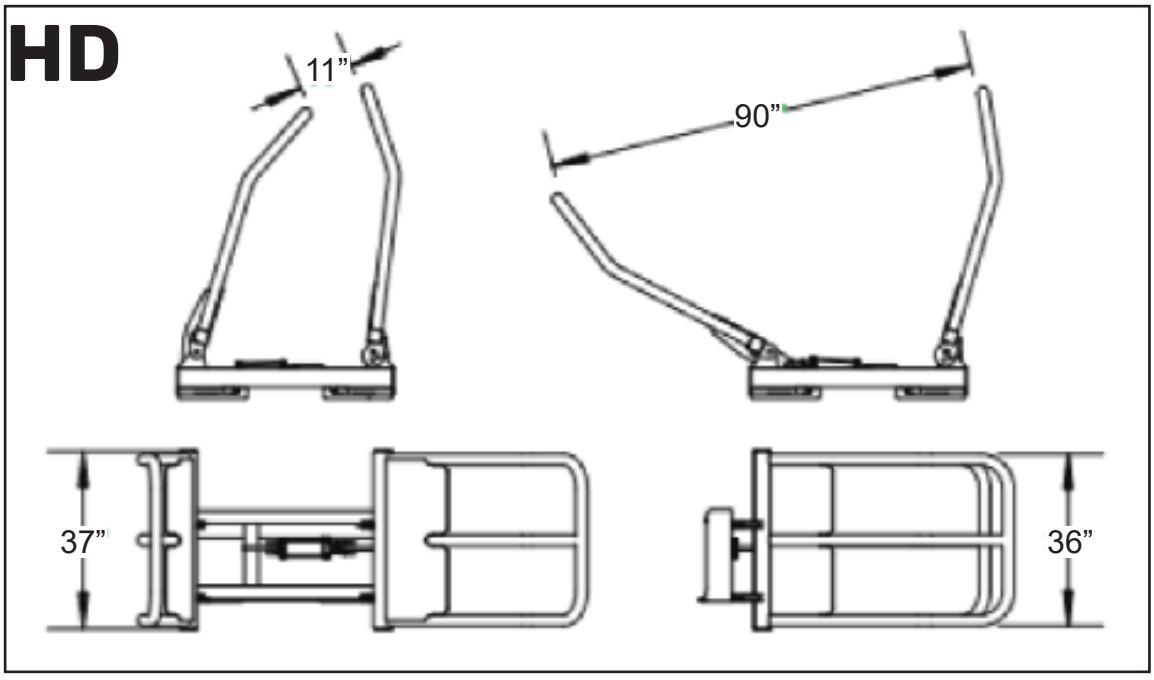
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Arms do not open and close	1. Quick disconnects not connected or fully seated. 2. Hydraulic hose loose, disconnected or damaged. 3. Machine auxiliary hydraulic circuit not activated. 4. Missing or damaged hardware or pins. 5. Hydraulic cylinders are damaged or bypassing.	1. Check and reconnect quick disconnects. 2. Check for loose, disconnected or damaged hose. Tighten or replace. 3. Ensure auxiliary hydraulic system is activated. 4. Replace missing or damaged hardware or pins. 5. Replace seal(s) or cylinder(s).
Hydraulic fluid level goes down during operation.	1. Hydraulic cylinder, hose leak, or leaks in host machine's hydraulic system.	1. Investigate and repair leaks.
Arms fail to maintain proper grabbing pressure.	1. Hydraulic circuit relief not working properly on host machine. 2. Cylinder seals bypassing. 3. Hydraulic hose loose or damaged.	1. Investigate and repair. 2. Replace seal(s) or cylinder(s). 3. Check for loose or damaged hose. Tighten or replace.
Arms move very slowly.	1. Loose or restricted hydraulic hose. 2. Auxiliary hydraulic system not operating properly on host machine or flow setting too low.	1. Check for damaged or loose hose and/or contamination in hydraulic lines. Tighten or replace. 2. Investigate and have repaired or increase flow setting. Never use high flow.
Pins could be prematurely wearing or breaking.	1. Not greasing pins frequently enough. 2. Squeezer receiving excessive shock loads from ramming or contacting solid objects (posts, concrete, steel pipes, etc)	1. Grease pins before each use & repeat every 8 hours or less while using in extreme conditions. 2. Avoid contact with solid objects or raise squeezer to clear exposed solid surfaces.

SECTION 6

SPECIFICATIONS





SECTION 7

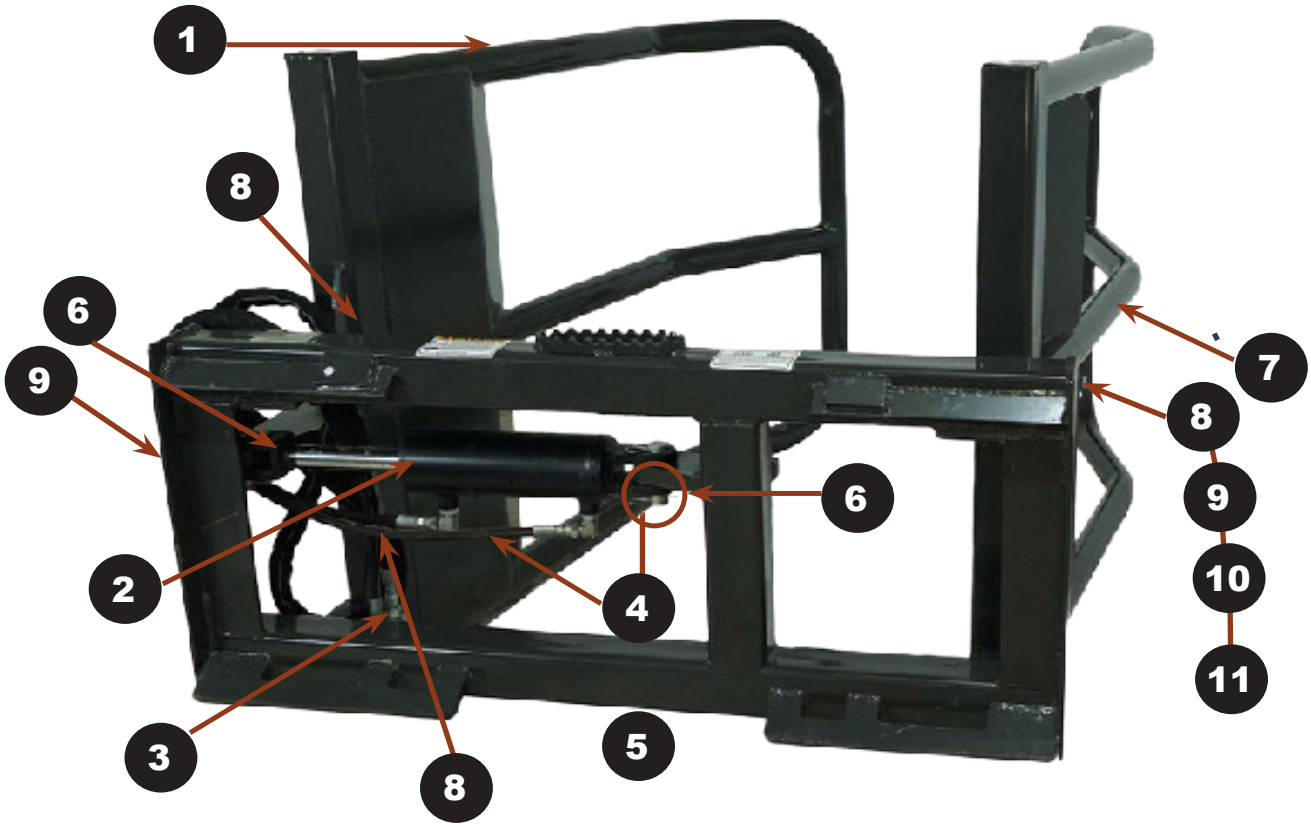
PARTS INFORMATION

Factory OEM parts specifically designed for your implement are readily available.

For hassle free service and to ensure you receive the correct parts for your implement, please provide your dealer with the following information:

Model Number	
Serial Number	
GPM Requirements	
Date of Owners Manual (Bottom Left Corner of Cover Page)	
Parts Diagram Page Number	
Part Description	
Reference #	
Quantity Desired	
Ship To Information	
Bill To / Payment Information	

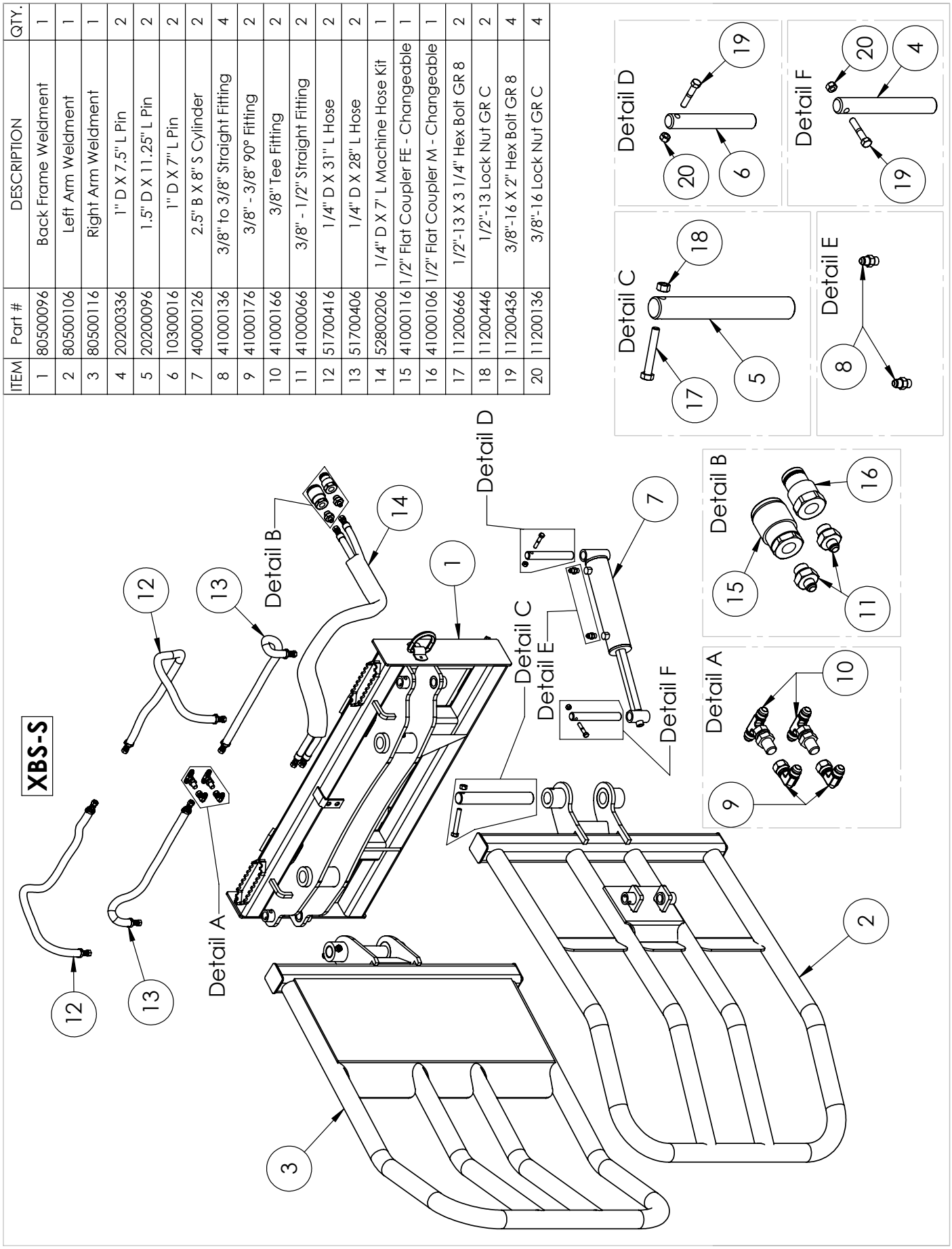
7.1 HEAVY DUTY BALE SQUEEZER PARTS DIAGRAM



Ref. No	Part Description	Qty
1	Cylinder Arm Assembly	1
2	Cylinder	1
3	3/8” JIC Male X 1/2” SAE, ORB Male Fitting 90˚ Elbow (6801-6-8) and 1/2 quick disconnect couplers.	1
4	97” Hose (1/4”)	1
5	108” Hose (1/4”)	1
6	Tie Rod Cylinder Pin with Clip	2
7	Fixed Arm Assembly	1
8	1 x 3” GR5 Bolt	4
9	1” GRO Locknut	4
10	5/8” X 2-3/4” Hex C/S GR8 (Only Right Side)	1
11	5/8 Stover Locknut (Only Right Side)	1

7.2 X-TREME BALE SQUEEZER PARTS DIAGRAM

ITEM	Part #	DESCRIPTION	QTY.
1	80500096	Back Frame Weldment	1
2	80500106	Left Arm Weldment	1
3	80500116	Right Arm Weldment	1
4	20200336	1" D X 7.5" L Pin	2
5	20200096	1.5" D X 11.25" L Pin	2
6	10300016	1" D X 7" L Pin	2
7	40000126	2.5" B X 8" S Cylinder	2
8	41000136	3/8" to 3/8" Straight Fitting	4
9	41000176	3/8" - 3/8" 90° Fitting	2
10	41000166	3/8" Tee Fitting	2
11	41000066	3/8" - 1/2" Straight Fitting	2
12	51700416	1/4" D X 31" L Hose	2
13	51700406	1/4" D X 28" L Hose	2
14	52800206	1/4" D X 7' L Machine Hose Kit	1
15	41000116	1/2" Flat Coupler FE - Changeable	1
16	41000106	1/2" Flat Coupler M - Changeable	1
17	11200666	1/2"-13 X 3 1/4" Hex Bolt GR 8	2
18	11200446	1/2"-13 Lock Nut GR C	2
19	11200436	3/8"-16 X 2" Hex Bolt GR 8	4
20	11200136	3/8"-16 Lock Nut GR C	4



SECTION 8

LIMITED WARRANTY

IronCraft (the Manufacturer) warrants, only to the original Purchaser, this equipment will be free from defects in material and workmanship, under normal use and service, for one (1) year from the date of purchase providing this equipment is purchased for individual use only. Commercial use of this equipment is not covered under any warranty. This warranty does not apply to any equipment which has been damaged or which has been subjected to change, misuse, negligence, abnormal wear and tear, alterations, tampering, or failure to follow operating instructions. This warranty does not cover any product or parts not manufactured by IronCraft.

Under this warranty, the Manufacturer will repair or replace any part which the Manufacturer determines has failed during the period of the warranty due to defects in material or workmanship. After written approval by the manufacturer, the equipment or defective part must be returned to IronCraft.

Warranty coverage and performance is expressly conditioned upon the return of the completed registration form to:

IronCraft, 7 Rocky Mt Rd, Athens, Tennessee 37303. Registration can be found on our website www.ironcraftusa.com

IronCraft reserves the right to make improvements and changes in specifications without notice or obligation to modify previously sold units. The Owner's Manual describes the proper assembly procedures for your implement and furnishes operating and maintenance recommendations to help you obtain long and satisfactory service.

PURCHASER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY, OTHER DEFECT, OR CONDUCT GIVING RISE TO LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT SOLD, AND THE MANUFACTURER UNDER NO CIRCUMSTANCES SHALL BE LIABLE FOR ECONOMIC LOSS OR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE MANUFACTURER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR PURPOSE.

Purchaser and IronCraft hereby (a) submit to the non-exclusive jurisdiction of the courts of competent jurisdiction in Meigs County, Tennessee, and the United State District Court for the Eastern District of Tennessee for resolution of any dispute concerning this Limited Warranty or the rights or obligations of Purchaser and/or IronCraft; (b) agree that any litigation commenced in Tennessee in connection with this Limited Warranty shall be venued in either the Meigs County, Tennessee District Court, or the United States District Court, Eastern District of Tennessee, Southern Division, and (c) waive any objection it may have as to any such action or proceeding brought in such court that such court is an inconvenient forum. Nothing herein shall limit the right of Purchaser or IronCraft (or the right of any permitted successor or assign of either) to bring proceedings against the other in the courts of any other jurisdiction wherein any assets of such other party may be located.

REGISTER

This registration form must be filled out within 30 days of delivery to the purchaser or future warranty claims will not be honored.

www.ironcraftusa.com/warranty/register-warranty/

www.ironcraftusa.com/warranty/claim-warranty/

SECTION 9

SAFETY ACKNOWLEDGMENT & MAINTENANCE LOG

ATTENTION ALL OPERATORS: Print your name, sign and date in the boxes below to acknowledge that you have read and fully understand the safety instructions presented in this manual, and have been trained on how to safely operate this attachment.

OPERATOR NAME	SIGNATURE	DATE

Document all routine maintenance and repair services performed on this attachment.

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:

APPENDIX A FINDING YOUR MODEL AND SERIAL NUMBER

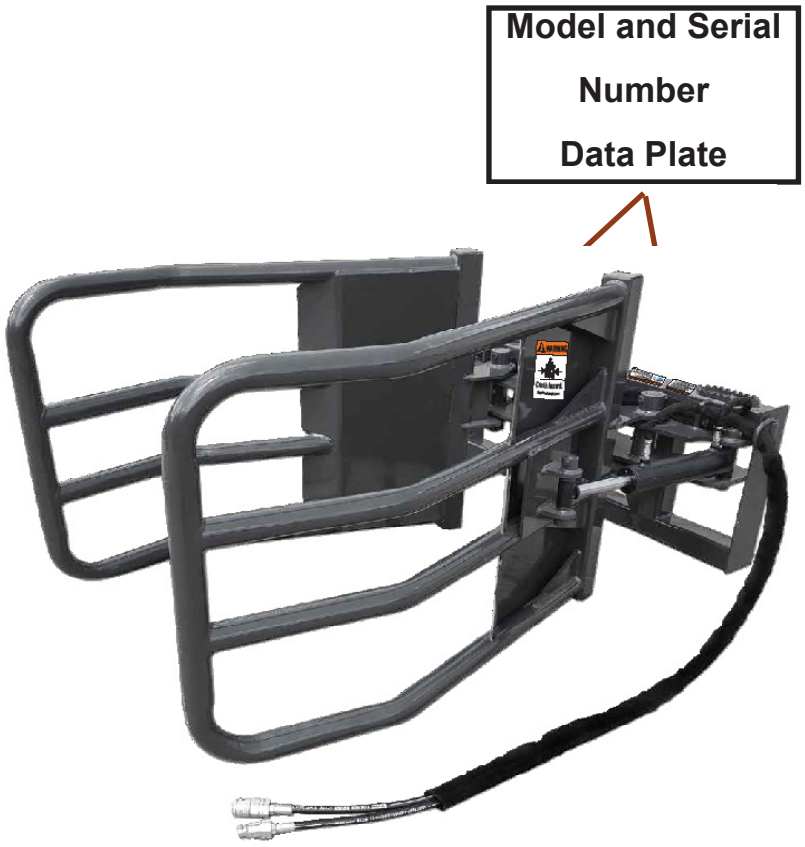
The Model and Serial numbers will

either be etched into the attachment or on a Data Plate.

Instructions: Stand at the back of the attachment facing the attachment mounting bracket and look in the following locations:

Top- left or right

PLEASE NOTE: The Model and Serial number may be etched or on a Data Plate.



Disclaimer: Any critical changes made to this manual by individuals outside the manufacturer's authorized personnel are doing so at their own risk. The manufacturer cannot be held legally responsible for any consequences, damages, or liabilities resulting from such modifications. It is advised to adhere strictly to the original manual provided by the manufacturer for optimal performance, safety, and reliability.

IRONCRAFT

7 ROCKY MT RD

Athens, Tennessee 37303

(P) 423-405-5150

(F) 423-405-5904

WWW.IRONCRAFTUSA.COM

FARM EQUIPMENT MANUFACTURERS ASSOCIATION
FEMA

Revised June 2026
©2026 IronCraft Attachments. All rights reserved.