JENKINS IRON AND STEEL

Hydraulic Sliding Bale Spear

Owner's Manual



23023 US 71, Long Prairie, MN 56347

Phone: (320) 732-2658 | Toll-Free: 1.855.732.3843

www.jenkinsiron.com

Built Strong. Built to Last. Made in the USA.

⚠ **READ THIS MANUAL COMPLETELY BEFORE OPERATING THIS ATTACHMENT.**

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Section 1: Introduction and Product Overview

Thank you for purchasing the Jenkins Iron and Steel Hydraulic Sliding Bale Spear Attachment. Every Jenkins attachment is designed and manufactured at our facility in Long Prairie, Minnesota, using American-made materials and precision fabrication techniques. We take pride in building equipment that works as hard as you do.

The Hydraulic Sliding Bale Spear is the hydraulic sliding version of the 4 Prong Double Round bale spear, new for 2026. This attachment features 4 x 49" German Conus spears rated at 2,697 lbs at 28", with an 8' overall width. The hydraulic sliding feature allows the operator to adjust spear spacing from the cab without leaving the machine, making it faster and more efficient to handle various bale sizes and configurations.

Built on a heavy-duty square box frame with an increased angle for maximum tilt, this attachment delivers exceptional strength and versatility. It can be modified to fit a variety of tractor loader models, and Euro/Global mounts are available for John Deere tractors.

Ideal Applications

- Round bale handling and transport
- Double round bale pickup
- Hay and straw bale stacking
- Feed lot operations
- Agricultural material handling
- Loading trailers and flatbeds
- Barn storage and organization

NOTE

The operator is responsible for the safe operation and maintenance of this attachment. It is important that anyone who uses this equipment is instructed on safe and proper use. Do not use or operate this attachment until this manual has been read and understood.

Section 2: Safety Warnings and Precautions

⚠ **WARNING**

Improper installation, operation, or maintenance of this equipment could result in serious injury or death. Read and understand all safety statements in this manual and on the machine before operating.

2.1 General Safety

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, steel-toed boots, and hearing protection when operating or working near this attachment.

- Only trained and authorized operators should operate this attachment.
- Know your equipment's capabilities, dimensions, and load capacity before operating.
- Read and understand all manuals pertaining to both this attachment and the carrier machine (loader/skid steer).
- Know and obey all local regulations, laws, and professional guidelines.
- Keep all bystanders and non-essential personnel clear of the work area during operation.
- Never operate equipment while under the influence of alcohol, drugs, or medication that may impair judgment.
- Be aware of overhead obstructions, power lines, and other hazards in the work area.

2.2 Spear Safety

> ⚠ **DANGER**
>
> Spear tips are extremely sharp and can cause serious puncture wounds or death. Exercise extreme caution at all times.

- **NEVER** carry people on spears or any part of this attachment.
- **NEVER** walk or stand under raised spears, whether loaded or unloaded.
- Spear tips are sharp — use extreme caution during mounting, dismounting, maintenance, and any time you are near the attachment.
- Always lower the attachment fully to the ground before exiting the cab.
- Inspect spears before each use for bending, cracking, or tip damage.
- Never use spears to push, pry, or lever objects — spears are designed for bale piercing only.
- Replace any spear that shows signs of bending, cracking, or excessive wear immediately.

2.3 Hydraulic Safety

> ⚠ **WARNING — HIGH-PRESSURE HYDRAULIC FLUID**
>
> Hydraulic systems operate under extremely high pressure. Escaping hydraulic fluid under pressure can penetrate the skin and cause serious injury, gangrene, or death. Seek immediate medical attention if hydraulic fluid penetrates the skin. Do not delay treatment.

- Always relieve hydraulic pressure before disconnecting hoses, fittings, or any hydraulic components.
- Never use your hands or body to check for hydraulic leaks — use a piece of cardboard or paper.
- Ensure all hydraulic connections are tight and secure before operating.
- Inspect hydraulic hoses regularly for wear, cracking, abrasion, or damage. Replace immediately if any defects are found.
- Use only approved hydraulic fluid as specified by the carrier machine manufacturer.
- Keep hydraulic couplers clean and free of debris before connecting.

2.4 Operational Safety

- Assess bale weight before lifting. Do not exceed the rated spear capacity of 2,697 lbs per spear at 28".
- Ensure proper spear insertion depth — insert spears fully into the bale for secure handling.
- Always travel with the load carried low and tilted back toward the machine.
- Be aware of tip-over risk when carrying heavy bales at full height. Reduce speed on slopes and uneven terrain.
- Operate at controlled speeds, especially when carrying loads or traveling on uneven ground.
- Never swing a loaded attachment rapidly — sudden movements can cause loss of control or tip-over.

- Always ensure the attachment is properly and fully engaged with the quick-attach mounting plate before lifting loads.
- Set the park brake, lower the attachment to the ground, and shut off the engine before exiting the cab.

2.5 Sliding Mechanism Safety

> ⚠ **CAUTION**
>
> The hydraulic sliding mechanism involves powerful moving components. Serious crush and pinch hazards exist when spears are in motion.

- **NEVER** adjust spear spacing while bales are loaded on the spears.
- **NEVER** place hands, fingers, or any body part near the sliding mechanism while it is in motion or while the hydraulic system is pressurized.
- Keep all personnel clear of the attachment when adjusting spear spacing.
- Ensure the sliding mechanism is fully stopped before approaching the attachment for inspection or maintenance.
- Verify spear spacing is correct for the bale size before beginning pickup operations.
- If the sliding mechanism does not respond properly, stop operation immediately and inspect the hydraulic connections.

Section 3: Specifications

Specification	Value
Configuration	4 Prong Double Round (Hydraulic Sliding)
Spear Type	German Conus

Specification	Value
Spear Length	49"
Number of Spears	4
Overall Width	8'
Spear Capacity (at 28")	2,697 lbs per spear
Frame Construction	Heavy-Duty Square Box Frame
Tilt	Increased angle for maximum tilt
Hydraulic Feature	Hydraulic sliding spear spacing adjustment (cab-controlled)
Hydraulic Couplers	Flat face couplers
Mounting	Universal skid steer quick-attach (Euro/Global available for John Deere)
Country of Manufacture	United States of America

NOTE

Jenkins Iron and Steel Inc. reserves the right to make improvements in design or changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold.

Section 4: Construction and Design Details

The Jenkins Hydraulic Sliding Bale Spear is engineered with the same rugged, no-compromise construction philosophy that defines every Jenkins Iron and Steel product. Every weld, every component, and every design decision is made with durability and performance in mind.

4.1 Frame

The frame is constructed from heavy-duty square box tubing, providing superior torsional rigidity and resistance to bending under load. This design distributes stress evenly across the structure, ensuring long-term durability even under daily commercial use.

4.2 Spears

This attachment is equipped with 4 x 49" German Conus spears, each individually rated at 2,697 lbs at 28" insertion depth. German Conus spears are recognized worldwide as the industry standard for bale handling, offering a hardened forged tip for reliable penetration and a tapered profile that holds bales securely during transport.

4.3 Hydraulic Sliding Mechanism

The hydraulic sliding mechanism is the defining feature of this attachment. Powered by dedicated hydraulic cylinders, the system allows the operator to adjust spear spacing directly from the cab without leaving the machine. This eliminates the need to manually reposition spears, saving time and increasing efficiency when handling various bale sizes and configurations. The sliding rails are precision-machined for smooth, consistent travel.

4.4 Tilt Angle

The attachment features an increased tilt angle compared to standard bale spear designs. This enhanced tilt capability allows operators to better cradle bales during transport and provides improved control when stacking at height.

4.5 Overall Width

With an 8' overall width, this attachment is specifically designed for double round bale handling, allowing operators to pick up, transport, and stack two round bales simultaneously.

4.6 Mounting System

The attachment is equipped with a universal skid steer quick-attach mounting plate as standard. Euro/Global mounts are available for John Deere tractors — contact Jenkins Iron and Steel for pricing and availability. The quick-attach system allows for fast, secure connection and disconnection from the carrier machine.

Section 5: What's Included

Your Jenkins Hydraulic Sliding Bale Spear ships complete and ready for installation. Inspect all components upon delivery and report any shipping damage or missing items to Jenkins Iron and Steel immediately.

Qty	Component	Description
1	Hydraulic Sliding Bale Spear Assembly	Complete welded frame assembly with sliding rails, quick-attach mounting plate, and all structural components
4	49" German Conus Spears	Pre-installed on sliding carriage; rated at 2,697 lbs each at 28"
—	Hydraulic Cylinders	Pre-installed cylinders powering the sliding spear mechanism
—	Hydraulic Hoses	Pre-routed hoses connecting cylinders to coupler connection points
2	Flat Face Couplers	Supply and return line couplers for connection to carrier machine auxiliary hydraulics
—	Grease Fittings (Zerk)	Pre-installed at all pivot points and sliding mechanism contact points
1	Owner's Manual	This document

TIP

Upon receiving your attachment, take photos of all components and packaging for your records. If any item is missing or damaged during shipping, contact Jenkins Iron and Steel at (320) 732-2658 or toll-free at 1.855.732.3843 within 48 hours of delivery.

Section 6: Installation and Mounting

6.1 Pre-Installation Checklist

Before beginning installation, verify the following:

- The carrier machine (skid steer/loader) is parked on firm, level ground.
- The engine is off, park brake is set, and the key is removed.
- The carrier machine's auxiliary hydraulic system is in good working order with adequate flow and pressure.
- All shipped components are present and undamaged (refer to Section 5).
- You have the necessary tools: grease gun, wrenches, clean rags, and hydraulic fluid for topping off if needed.
- The work area is clear of bystanders and obstructions.

6.2 Step-by-Step Mounting (Universal Skid Steer Quick-Attach)

1. **Position the attachment.** Place the Hydraulic Sliding Bale Spear on firm, level ground with the quick-attach plate facing the carrier machine. Ensure the spears are pointing away from the machine's approach path.
2. **Approach the attachment.** Start the carrier machine and slowly drive forward, aligning the loader arms with the quick-attach plate on the bale spear.
3. **Engage the quick-attach.** Raise the loader arms to engage the top edge of the quick-attach plate. Tilt forward slightly to seat the bottom of the plate, then engage the quick-attach locking mechanism (levers or pins, depending on your machine). Listen and look for a positive lock.
4. **Verify secure attachment.** With the lock engaged, raise the attachment slightly off the ground (6–12 inches) and visually verify the mounting plate is fully seated and the locking mechanism is fully engaged. Tilt forward and backward gently to confirm there is no play or movement at the mounting interface.
5. **Lower the attachment** back to the ground and shut off the engine before proceeding to hydraulic connections.
6.

⚠ **WARNING**

Never work under or near the attachment until you have confirmed the quick-attach is fully and securely locked. An improperly mounted attachment can detach without warning, causing serious injury or death.

6.3 Hydraulic Connections

7. **Relieve residual pressure.** With the engine off, cycle the auxiliary hydraulic control lever back and forth several times to relieve any residual pressure in the lines.
8. **Clean the couplers.** Wipe both the machine-side and attachment-side flat face couplers with a clean rag to remove any dirt, debris, or moisture.
9. **Connect supply line.** Connect the attachment's supply (pressure) hose coupler to the carrier machine's auxiliary hydraulic supply port. Push firmly until the coupler clicks and locks.
10. **Connect return line.** Connect the attachment's return hose coupler to the carrier machine's auxiliary hydraulic return port. Push firmly until the coupler clicks and locks.
11. **Verify connections.** Tug gently on each hose to confirm couplers are fully seated and locked.

⚠ **CAUTION**

Ensure the supply and return lines are connected to the correct ports. Reversed connections will cause the sliding mechanism to operate in the opposite direction from the control input. If spear movement is reversed, shut down, relieve pressure, and swap the hose connections.

6.4 Spear Spacing Initial Setup

12. Start the engine and allow the hydraulic system to reach operating temperature.
13. Slowly activate the auxiliary hydraulic control to extend and retract the sliding mechanism through its full range of travel.

14. Verify smooth, even movement in both directions with no binding, jerking, or unusual noise.
15. Set spear spacing to match the bale size you will be handling.

6.5 Post-Installation Inspection

- Verify the quick-attach is fully locked and secure.
- Confirm all hydraulic connections are tight with no leaks.
- Check that hydraulic hoses are routed clear of pinch points, sharp edges, and hot surfaces.
- Grease all fittings (see Section 8 for greasing schedule).
- Cycle the sliding mechanism through its full range of travel three times to purge any air from the hydraulic lines.
- Inspect all spears for secure mounting and proper alignment.
- Confirm there is no interference between the attachment and the carrier machine through the full range of tilt and lift.

Section 7: Operation

7.1 Pre-Operation Checklist

Perform the following checks before each use:

- Walk around the attachment and visually inspect for damage, loose components, or hydraulic leaks.
- Verify the quick-attach is fully locked and secure.
- Check all spears for straightness, secure mounting, and sharp, undamaged tips.
- Inspect hydraulic hoses for wear, cracking, bulging, or abrasion.
- Confirm flat face couplers are fully seated and locked.
- Grease all fittings if due (every 8–10 operating hours).
- Test the sliding mechanism through its full range of travel before approaching bales.

- Ensure the work area is clear of bystanders.

7.2 Hydraulic Spear Spacing Adjustment

16. Ensure the attachment is **unloaded** — no bales on the spears.
17. From the cab, activate the auxiliary hydraulic control to slide spears inward (narrower spacing) or outward (wider spacing) as needed for the bale size.
18. Adjust spacing so that spear pairs are centered on each bale position for optimal penetration and balance.
19. Once spacing is set, release the hydraulic control. The spears will hold position under hydraulic lock.

> ⚠ **CAUTION**
>
> NEVER adjust spear spacing while bales are loaded on the spears. Adjusting spacing under load can damage the hydraulic system, bend spears, and create an unstable load.

7.3 Bale Pickup Technique

20. **Approach.** Drive toward the bale(s) slowly and squarely, centering the spears on the bale(s). Keep the attachment low — spears should be at bale center height.
21. **Insert spears.** Drive forward steadily to insert the spears fully into the bale(s). Aim for maximum insertion depth for the most secure hold.
22. **Tilt back.** Once spears are fully inserted, tilt the attachment back toward the machine to cradle the bale(s) against the frame.
23. **Lift.** Raise the attachment to clear the ground. For transport, keep the load as low as practical.

7.4 Double Round Bale Handling

The 8' overall width and 4-spear configuration is specifically designed for double round bale pickup:

- Adjust spear spacing so the outer pair of spears and inner pair of spears are each centered on their respective bales.
- Approach the two bales squarely, ensuring both bales are aligned side by side.
- Insert all four spears simultaneously. Drive forward steadily — do not jerk or rush.
- Tilt back and lift. Verify both bales are secure before traveling.

7.5 Transport Position

- Always carry bales with the attachment as **low as practical** — ideally 6–12 inches above ground level.
- Tilt the attachment **fully back** toward the machine to secure the load.
- Reduce travel speed on slopes, uneven terrain, and near obstacles.
- Avoid sharp turns at speed, especially with heavy loads.

7.6 Unloading and Stacking

24. Position the carrier machine at the desired unloading location.
25. Raise the attachment to the required stacking height.
26. Tilt forward slowly to release the bale(s) from the spears.
27. Back away slowly once the bale(s) are clear of the spears.
28. Lower the attachment to transport position before driving to the next bale.

7.7 What NOT to Do

> ⚠ **WARNING — PROHIBITED ACTIONS**
>
> The following actions are strictly prohibited and may result in equipment damage, serious injury, or death:

- **DO NOT** carry people on the spears or any part of the attachment.
- **DO NOT** walk or stand under a raised attachment, loaded or unloaded.
- **DO NOT** adjust spear spacing while bales are loaded.
- **DO NOT** exceed the rated spear capacity (2,697 lbs per spear at 28").
- **DO NOT** use the spears to push, pry, drag, or lever objects.
- **DO NOT** travel at high speed with a raised load.
- **DO NOT** swing the load rapidly or make sudden directional changes.
- **DO NOT** operate the attachment with damaged spears, leaking hydraulics, or a loose quick-attach connection.
- **DO NOT** attempt to lift bales that are frozen to the ground — break them free first.
- **DO NOT** use the attachment for purposes other than bale handling.

Section 8: Maintenance

> ⚠ **WARNING**
>
> Always lower the attachment to the ground, shut off the engine, set the park brake, relieve hydraulic pressure, and remove the key before performing any maintenance. Never work under a raised attachment.

8.1 Daily Inspection Checklist

Perform the following inspection before each day of operation:

- Visually inspect the entire attachment for cracks, bending, or structural damage.
- Check all spears for straightness, tip condition, and secure mounting.
- Inspect all welds for cracks or deterioration.
- Check hydraulic hoses for leaks, wear, cracking, abrasion, or bulging.

- Verify hydraulic couplers are fully connected and not leaking.
- Inspect the quick-attach mounting plate for wear, damage, and secure locking.
- Check the sliding mechanism rails for debris, damage, or obstruction.
- Test the sliding mechanism through its full range of travel.
- Verify all safety decals are present and legible.

8.2 Greasing Schedule

Grease all fittings every **8–10 operating hours**, or daily during heavy use. Use a high-quality multi-purpose lithium-based grease.

Grease Point Location	Number of Fittings	Frequency
Pivot points (tilt mechanism)	As equipped	Every 8–10 hours
Sliding mechanism rails and carriage	As equipped	Every 8–10 hours
Hydraulic cylinder pivot pins	As equipped	Every 8–10 hours
Quick-attach contact surfaces	—	Weekly (light coat of grease)

TIP

Grease until fresh grease is visible at the fitting. Over-greasing is preferred to under-greasing. In dusty, wet, or freezing conditions, increase greasing frequency.

8.3 Spear Inspection

- **Straightness:** Sight along each spear to verify it is straight. Any spear with visible bending must be replaced immediately.
- **Tip condition:** Inspect spear tips for blunting, chipping, or mushrooming. Damaged tips reduce penetration efficiency and can tear bales.

- **Mounting integrity:** Verify each spear is securely seated in its Conus mount. There should be no wobble, looseness, or lateral play.
- **Surface condition:** Check spear shafts for gouges, pitting, or corrosion that could weaken the spear.

8.4 Hydraulic System Inspection

- **Hoses:** Inspect all hydraulic hoses for external damage including cuts, abrasion, cracking, blistering, or soft spots. Replace any damaged hose immediately.
- **Cylinders:** Check hydraulic cylinders for leaking seals, rod scoring, or dents. Minor seepage at the rod seal may indicate the need for a seal kit replacement.
- **Couplers:** Clean flat face couplers regularly. Inspect for wear, corrosion, or damage. Replace if couplers do not lock positively or if they leak when connected.
- **Fittings:** Check all hydraulic fittings for tightness. Snug — do not overtighten.

8.5 Sliding Mechanism Rail Lubrication

In addition to greasing the Zerk fittings, periodically clean and lubricate the sliding rails:

29. Lower the attachment, shut off the engine, and relieve hydraulic pressure.
30. Clean the sliding rails with a stiff brush or rag to remove dirt, hay debris, and old grease.
31. Apply a thin, even coat of multi-purpose lithium grease or dry film lubricant to the rail surfaces.
32. Cycle the sliding mechanism through its full range of travel several times to distribute lubricant.
33. Wipe away excess grease to prevent dirt accumulation.

8.6 Storage Guidelines

- Store the attachment on firm, level ground in a clean, dry location (indoors preferred).
- Lower the attachment fully to the ground. Do not store suspended or elevated.
- Retract hydraulic cylinders fully to protect rod surfaces.
- Disconnect hydraulic hoses and cap all open ports and couplers to prevent contamination.

- Apply a light coat of grease or rust inhibitor to spear surfaces, sliding rails, and exposed metal.
- Cover spear tips with protective caps or wrap if available.
- Grease all fittings before storing for extended periods.

Section 9: Troubleshooting

Use the table below to diagnose and resolve common issues. If the problem persists after performing the recommended corrective actions, contact Jenkins Iron and Steel for technical support.

Problem	Possible Cause	Corrective Action
Spears won't slide	Hydraulic hoses not connected; control valve not activated; debris on rails	Verify hydraulic connections are fully seated. Check carrier machine auxiliary hydraulic control. Clean sliding rails and re-lubricate.
Uneven sliding (one side moves, other doesn't)	Obstruction on one rail; hydraulic cylinder malfunction; bent rail	Inspect both rails for debris or damage. Check hydraulic cylinders for leaks or binding. Contact dealer if rail is bent.
Hydraulic leak at sliding mechanism	Damaged seal; loose fitting; cracked hose	Relieve pressure and identify leak source. Tighten fittings. Replace seals or hoses as needed. Do not operate until leak is resolved.
Bale slipping off spears during transport	Insufficient spear insertion depth; attachment not tilted back; wet/icy bale	Insert spears to full depth. Always tilt the attachment fully back during transport. Reduce speed with slippery bales.
Spear bending	Overloading; hitting immovable object; using spears as pry bar	Replace bent spear immediately. Do not attempt to straighten. Review load capacity limits. Use spears only for bale piercing.
Slow hydraulic response on sliding mechanism	Low hydraulic fluid in carrier machine; restricted flow; cold hydraulic fluid	Check and top off carrier machine hydraulic fluid. Inspect hoses for kinks or restrictions. Allow fluid to warm up before operation in cold weather.
Attachment won't lock into quick-attach	Misalignment; worn locking mechanism; debris in quick-attach	Reposition and realign. Clean quick-attach contact surfaces. Inspect locking mechanism for wear. Repair or replace if worn.
Excessive play in mounting	Quick-attach not fully locked; worn mounting plate; worn loader arm	Re-engage quick-attach. Inspect mounting plate and loader arm pins for wear. Replace worn components.

Problem	Possible Cause	Corrective Action
	pins	
Unusual noise during sliding operation	Dry or dirty rails; worn bushings; loose hardware	Clean and lubricate rails. Inspect bushings and replace if worn. Check all bolts and hardware for tightness.
Bale tearing during pickup	Spear tips damaged or blunt; excessive speed during insertion; dry/brittle bale	Inspect and replace damaged spear tips. Approach bales slowly and steadily. Handle dry bales with extra care.
Tip-over tendency with load	Load too high during travel; excessive speed on slopes; overloaded	Lower the load to transport position (6–12" above ground). Reduce speed on slopes and rough terrain. Verify bale weight is within capacity.
Spear tip damage	Striking rocks, concrete, or metal; dropping attachment on hard surface	Replace spears with damaged tips. Avoid driving spears into the ground or hard objects. Use caution when setting attachment down.
Hydraulic overheating	Continuous extended operation of sliding mechanism; low fluid level; restricted flow	Allow system to cool. Check fluid level. Avoid cycling the sliding mechanism continuously. Inspect for flow restrictions.
Uneven tilt	Bent frame; worn tilt cylinder; carrier machine issue	Inspect frame for bending or damage. Check carrier machine tilt cylinders and linkage. Contact dealer for frame repair.
Coupler connection issues (won't connect or leaks when connected)	Residual pressure in lines; dirty coupler faces; worn coupler	Relieve all hydraulic pressure before connecting. Clean coupler faces thoroughly. Replace worn or damaged couplers.

NOTE

If a problem is not listed above, or if corrective actions do not resolve the issue, contact Jenkins Iron and Steel technical support at (320) 732-2658 or toll-free at 1.855.732.3843.

Section 10: Replacement Parts Reference

The following replacement parts are available directly from Jenkins Iron and Steel. Contact us to order parts or to confirm part numbers for your specific attachment serial number.

Part Description	Details	Notes
German Conus Spears (49")	49" forged German Conus spear, rated 2,697 lbs at 28"	Direct replacement; sold individually
Hydraulic Cylinders (Sliding Mechanism)	Dedicated cylinders powering spear sliding system	Contact Jenkins for correct cylinder specification
Hydraulic Hoses	High-pressure hydraulic hoses with fittings	Specify hose location when ordering
Flat Face Couplers	Supply and return line couplers	Sold individually; specify male or female end
Seal Kits	Cylinder seal kits for sliding mechanism hydraulic cylinders	Includes all seals, o-rings, and backup rings for one cylinder
Pivot Pins	Hardened steel pivot pins for tilt and cylinder mounts	Specify location; sold individually
Bushings	Replacement bushings for pivot points and sliding carriage	Specify location when ordering
Grease Fittings (Zerks)	Standard Zerk grease fittings	Available in straight and angled configurations
Sliding Rail Hardware	Wear strips, guide blocks, and rail mounting hardware	Contact Jenkins with serial number for correct parts
Quick-Attach Mounting Plate	Universal skid steer quick-attach plate; Euro/Global for John Deere	Specify carrier machine make and model when ordering

TIP

When ordering replacement parts, have your attachment serial number ready. This ensures you receive the correct parts for your specific unit. Replacement 49" German Conus spears and 39" replacement spears are also available through authorized Jenkins dealers.

Section 11: Warranty and Contact Information

11.1 Warranty Coverage

Jenkins Iron and Steel warrants this Hydraulic Sliding Bale Spear Attachment to be free from defects in materials and workmanship for a period of **two (2) years** from the date of original purchase. During the warranty period, Jenkins Iron and Steel will, at its sole discretion, repair or replace any component found to be defective under normal use and service conditions.

11.2 Warranty Exclusions

This warranty does **not** cover:

- Damage resulting from misuse, abuse, overloading, neglect, or accident.
- Damage caused by failure to follow the operating and maintenance instructions in this manual.
- Normal wear items including but not limited to spear tips, bushings, seals, grease fittings, and wear strips.
- Damage resulting from unauthorized modifications, alterations, or repairs.
- Damage caused by improper installation or mounting.
- Cosmetic damage including paint, surface scratches, and rust resulting from normal use or environmental exposure.
- Damage during shipping (file a claim with the shipping carrier).
- Consequential or incidental damages, including loss of use, loss of revenue, or cost of substitute equipment.

11.3 Warranty Claim Process

34. **Contact Jenkins Iron and Steel** by phone or through our website to report the issue. Have your attachment serial number, date of purchase, and a description of the defect ready.

35. **Provide documentation.** You may be asked to provide photos of the defect, proof of purchase, and a description of operating conditions.
36. **Evaluation.** Jenkins Iron and Steel will evaluate the claim and determine if it falls within warranty coverage.
37. **Resolution.** If the claim is approved, Jenkins will provide replacement part(s) or authorize repair. Freight costs for warranty parts may apply.

> **NOTE**
>
> Jenkins Iron and Steel's liability under this warranty shall not exceed the original purchase price of the attachment. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

11.4 Contact Information

Contact Method	Details
Company	Jenkins Iron and Steel, Inc.
Mailing Address	23023 US 71, Long Prairie, MN 56347
Phone	(320) 732-2658
Toll-Free	1.855.732.3843
Website	www.jenkinsiron.com

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Jenkins Iron and Steel Inc. reserves the right to make improvements in design or changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold.