JENKINS IRON AND STEEL

Earth Auger

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.**

Table of Contents

Section	Title
1	Introduction and Product Overview
2	Safety Warnings and Precautions
3	Specifications
4	Construction and Design Details
5	What's Included
6	Installation and Mounting
7	Operation
8	Maintenance
9	Troubleshooting
10	Replacement Parts Reference
11	Warranty and Contact Information

Section 1: Introduction and Product Overview

Thank you for choosing Jenkins Iron and Steel. Our Earth Auger Attachment is a heavy-duty, commercial-grade earth auger drive engineered with a planetary gearbox direct drive system for maximum torque and reliability. Built right here in Long Prairie, Minnesota, this attachment is designed to stand up to years of the harshest abuse in the most demanding jobsite conditions.

Product Highlights

- **Planetary gearbox direct drive system** — delivers up to 3,000 ft/lb torque capability with a maximum output torque of 2,600 ft/lb
- **2″ hex drive unit** — self-centering design ensures auger bits seat properly every time

- **15–30 GPM flow range** — compatible with a wide range of skid steer loaders and compact equipment
- **Greaseable pivot points** — for extended service life and easy maintenance
- **Variety of bit options available** — for commercial, residential, and farm use
- **Auger extension available** — for deeper holes when the job demands it
- Available as an **individual auger drive** or in **combo kits with auger bits**

Ideal Applications

Application	Description
Fence Post Holes	Drill consistent, clean holes for wood, steel, or vinyl fence posts
Sign Post Installation	Set road signs, farm signs, and commercial signage posts
Tree Planting	Quickly prepare holes for tree and shrub planting in nursery or landscaping work
Deck Footings	Drill precise holes for deck and patio support footings
Foundation Piers	Prepare pier holes for building foundations and structural supports
Soil Sampling	Extract soil cores for agricultural and environmental testing
General Post Hole Digging	All-purpose post hole work for farms, ranches, and construction sites

---

Section 2: Safety Warnings and Precautions

⚠ **IMPORTANT — READ BEFORE OPERATING**

Read and understand ALL safety warnings in this section before installing, operating, or servicing the earth auger attachment. Failure to follow these warnings may result in serious injury or death. Keep this manual accessible to all operators at all times.

2.1 General Safety

- **Trained operators only.** Only trained and authorized personnel should operate this equipment. Read and understand this entire manual before operation.
- **Personal Protective Equipment (PPE).** All operators must wear: hard hat, safety glasses, steel-toe boots, and heavy-duty work gloves at all times during operation.
- **Keep bystanders clear.** Maintain a safe distance between all bystanders and the rotating auger during operation. Establish a clear work zone before starting.
- Never operate the auger while fatigued, distracted, or under the influence of drugs or alcohol.
- Inspect all components before each use. Do not operate damaged or worn equipment.

2.2 Auger Safety

⚠ **WARNING — ROTATING AUGER CAN CAUSE SEVERE INJURY OR DEATH**

NEVER reach near or touch the auger while it is spinning. The rotating auger will catch and entangle anything it contacts.

- Keep all clothing, hair, jewelry, and loose items away from the rotating auger at all times.
- Never attempt to clear jams while the auger is connected to hydraulic power.
- Always ensure the auger has come to a complete stop before approaching it.
- Never stand over or straddle the auger during operation.
- Keep hands and feet clear of the auger bit and the drilled hole at all times.

2.3 Underground Hazard Safety

⚠ **WARNING — CALL 811 BEFORE YOU DIG**

ALWAYS call 811 (or your local utility locating service) before digging or drilling in any location. Underground utilities — including gas, electric, water, sewer, and telecommunications lines — can cause **electrocution, explosion, or flooding** if struck by an auger.

- Verify all underground utility locations have been marked before drilling.
- Maintain required clearance distances from all marked utilities.
- If you encounter unexpected resistance or unknown buried objects, stop immediately and investigate.
- Be aware that utility locating marks may not be 100% accurate — hand dig to verify near marked locations.

2.4 Hydraulic Safety

⚠ **WARNING — HYDRAULIC FLUID UNDER PRESSURE**

Hydraulic fluid under pressure can penetrate skin and cause severe injury (skin injection hazard). A hydraulic fluid injection injury is a medical emergency requiring immediate surgical treatment.

- **Never use your hands or fingers** to check for hydraulic leaks. Use a piece of cardboard or paper to locate leaks.
- Always relieve all hydraulic pressure before disconnecting hoses or performing maintenance.
- Inspect all hoses, fittings, and couplers for wear, cracks, or damage before each use.
- Replace damaged or worn hydraulic components immediately — do not attempt repairs with tape or temporary fixes.
- If hydraulic fluid is injected into the skin, seek emergency medical attention immediately.

2.5 Kickback Safety

⚠ **CAUTION — AUGER KICKBACK HAZARD**

The auger can kick back suddenly when hitting rocks, roots, or other buried objects. Kickback can cause the host machine to shift unexpectedly.

- Maintain firm machine control at all times during drilling.
- Drill slowly in unknown ground conditions, especially during initial penetration.
- Be prepared to stop the auger immediately if resistance is encountered.
- Reduce down pressure and speed when drilling in rocky or root-filled soil.
- Ensure the host machine is on stable, level ground before drilling.

Section 3: Specifications

3.1 Main Specifications

Specification	Value
Drive Type	Planetary gearbox direct drive
Drive Unit	2″ hex, self-centering
Max Output Torque	2,600 ft/lb
Recommended Flow	15–30 GPM
Recommended Continuous Pressure	3,000 PSI
Max Recommended Auger Diameter (Dirt)	36″
Pivot Points	Greaseable
Coupler Type	Universal skid steer quick attach

3.2 Speed vs. Flow Performance

Output (GPM)	Speed (RPM)
15	53
18	63
20	70
24	84
28	101
30	108

3.3 Pressure vs. Torque Performance

Output (PSI)	Torque (ft/lb)
2,000	1,748
2,500	2,185
3,000	2,623

Note

Performance values are based on optimal operating conditions. Actual performance may vary depending on soil conditions, auger bit size, host machine hydraulic output, and temperature. Do not exceed the maximum recommended specifications listed above.

Section 4: Construction and Design Details

The Jenkins Iron and Steel Earth Auger Attachment is built from the ground up for maximum durability and performance in demanding commercial environments. Every component is selected and assembled to provide years of reliable service under the harshest conditions.

4.1 Heavy-Duty Commercial-Grade Frame

The auger drive frame is fabricated from high-strength steel, designed to absorb the stresses of continuous commercial drilling without bending, cracking, or fatiguing. All welds are performed to structural standards for maximum load-bearing capability.

4.2 Planetary Gearbox Direct Drive System

The heart of the earth auger is the planetary gearbox direct drive system. This design delivers maximum torque directly to the auger bit with minimal power loss, providing smooth and consistent drilling performance. The planetary gearbox is sealed and filled with gear oil for extended service life and reliable operation.

4.3 2″ Hex Drive — Self-Centering Design

The 2″ hex drive is the industry-standard connection between the auger drive and the auger bit. The self-centering design ensures that auger bits seat properly every time, reducing installation time and eliminating wobble during drilling. The hex drive is machined from hardened steel for long-lasting wear resistance.

4.4 Greaseable Pivot Points

All pivot points on the auger drive frame are equipped with grease fittings (zerks), allowing you to maintain proper lubrication on a regular schedule. Greasing the pivot points reduces wear and friction, extending the working life of the attachment significantly.

4.5 Universal Skid Steer Quick Attach Mounting

The auger drive features a universal skid steer quick attach mounting plate, compatible with the vast majority of skid steer loaders and compact track loaders on the market. This allows fast, tool-free attachment and removal in the field.

Section 5: What’s Included

Your Jenkins Iron and Steel Earth Auger Attachment ships with the following components:

#	Component	Description
1	Earth Auger Drive Unit	Complete drive unit with frame and mounting plate
2	Planetary Gearbox	Sealed gearbox with direct drive system, pre-filled with gear oil
3	2″ Hex Drive	Self-centering hex drive for auger bit connection
4	Hydraulic Hoses	Supply and return hydraulic hoses, pre-assembled
5	Flat-Face Hydraulic Couplers	Flat-face couplers for clean, drip-free hydraulic connections
6	Grease Fittings	Pre-installed at all greaseable pivot points

Note — Items Sold Separately

Auger bits are sold separately or are available in combo kits with the auger drive. A variety of bit diameters and styles are available for commercial, residential, and farm applications. An **auger extension** is also available separately for drilling deeper holes. Contact Jenkins Iron and Steel or your authorized dealer for available options.

Section 6: Installation and Mounting

6.1 Pre-Installation Checklist

Before installing the earth auger attachment, verify the following:

✓	Item	Requirement
	Host machine hydraulic flow (GPM)	Must be within 15–30 GPM range
	Host machine hydraulic pressure rating	Must support up to 3,000 PSI continuous
	Quick attach compatibility	Universal skid steer quick attach
	Hydraulic coupler type	Flat-face couplers (included)
	Host machine in good working order	All systems functioning properly
	Level, stable work area	Firm ground for safe mounting

6.2 Mounting Procedure

1. **Position the host machine.** Drive the skid steer to the auger drive unit on level, stable ground. Lower the lift arms to align the quick attach plate with the auger drive mounting plate.
2. **Engage the quick attach.** Drive the quick attach plate into the auger drive mounting plate until it is fully seated. Engage the locking mechanism (pins or latches) on the quick attach to secure the attachment.
3. **Verify the connection.** Raise the lift arms slightly and visually confirm that the attachment is fully locked in place. Shake or wiggle the attachment to ensure there is no movement or play in the connection.
4. **Shut down the host machine.** Turn off the engine and relieve all hydraulic pressure before proceeding to hydraulic hookup.

6.3 Hydraulic Hookup Procedure

5. **Relieve pressure.** Ensure all hydraulic pressure in the host machine is fully relieved before connecting any hoses.
6. **Clean the couplers.** Wipe all coupler faces clean of dirt, debris, and moisture before connecting.
7. **Connect the supply line.** Connect the auger’s supply (pressure) hose to the host machine’s auxiliary hydraulic supply port using the flat-face coupler.

8. **Connect the return line.** Connect the auger's return hose to the host machine's auxiliary hydraulic return port.
9. **Verify direction.** Start the host machine and briefly activate the auxiliary hydraulics to confirm the auger rotates in the correct direction (clockwise when viewed from above). If the auger rotates in the wrong direction, shut down the machine and swap the supply and return hoses.
10. **Check for leaks.** Inspect all hose connections and couplers for leaks. Tighten or reseat couplers as needed. **Never use your hands to check for leaks.**

6.4 Auger Bit Installation

11. Lower the auger drive unit so the 2″ hex drive is accessible.
12. Align the auger bit's 2″ hex hub with the drive unit's hex drive. The self-centering design will guide the bit into position.
13. Slide the auger bit onto the hex drive until it is fully seated.
14. Insert the retaining pin through the hex drive and auger bit hub. Secure the pin with the provided clip or cotter pin.
15. Verify the bit is secure by attempting to pull it off the drive — it should not move.

6.5 Auger Extension Installation (If Used)

16. Install the auger extension between the drive unit's hex drive and the auger bit.
17. Slide the extension onto the hex drive first, then attach the auger bit to the extension's lower hex.
18. Secure both connections with retaining pins and clips.
19. Verify all connections are tight and secure before operating.

6.6 Post-Installation Safety Check

✓	Check Item
	Quick attach is fully locked and secure
	All hydraulic hoses are connected and leak-free
	Auger rotates in correct direction (clockwise from above)
	Auger bit is fully seated and pinned
	All retaining pins are secured with clips/cotter pins
	No loose hardware, tools, or debris on or near the attachment
	Work area is clear of bystanders

6.7 Dismounting Procedure

20. Remove the auger bit from the hex drive and set it aside safely.
21. Lower the auger drive unit to the ground on level, stable terrain.
22. Shut down the host machine and relieve all hydraulic pressure.
23. Disconnect the hydraulic supply and return hoses. Cap all open coupler ends to prevent contamination.
24. Disengage the quick attach locking mechanism and carefully back the skid steer away from the attachment.
25. Store the auger drive unit in a clean, dry location.

Section 7: Operation

7.1 Pre-Operation Checklist

> ⚠ **CALL 811 BEFORE YOU DIG**
>
> Always call 811 (or your local utility locating service) and verify all underground utility locations have been marked before drilling any hole. This is required by law in most jurisdictions.

✓	Pre-Operation Item
	Called 811 and verified all underground utility locations
	Inspected auger drive unit, hex drive, and frame for damage or wear
	Inspected all hydraulic hoses, fittings, and couplers
	Greased all pivot points (if due per schedule)
	Verified auger bit is correctly sized for the application
	Verified auger bit is fully seated and pinned to hex drive
	Checked auger bit teeth/carbides for wear or damage
	Verified work area is clear of bystanders and obstacles
	Operator is wearing required PPE (hard hat, safety glasses, steel-toe boots, heavy gloves)

7.2 Auger Bit Selection Guide

Select the appropriate auger bit diameter for your application. The maximum recommended auger diameter for drilling in dirt is 36″. Using an oversized bit will exceed the torque capacity of the drive unit and may cause damage or unsafe conditions.

Application	Recommended Bit Diameter
Fence posts (wood/steel)	6″ – 12″

Application	Recommended Bit Diameter
Sign posts	6″ – 9″
Tree planting	12″ – 24″
Deck footings	10″ – 18″
Foundation piers	12″ – 36″
Soil sampling	4″ – 6″
General post holes	6″ – 18″

7.3 Drilling Procedure

26. **Position over the mark.** Align the auger bit directly over the marked drilling location. Ensure the bit is centered and plumb (vertical).
27. **Start slow.** Begin rotating the auger at low speed with light downward pressure. Allow the bit to establish the hole before increasing speed.
28. **Increase speed gradually.** Once the bit has penetrated 6–12 inches, gradually increase the hydraulic flow to the auger for faster drilling.
29. **Lift periodically to clear cuttings.** Every 12–18 inches of depth, raise the auger out of the hole to clear soil cuttings from the bit flights. This prevents packing and binding.
30. **Continue to desired depth.** Repeat the drill-and-clear cycle until you reach your target hole depth.
31. **Remove the auger.** Slowly raise the auger out of the completed hole while it is still rotating at low speed to clear remaining cuttings.

7.4 Tips for Different Ground Conditions

Ground Condition	Recommendations
Soft Soil	Standard drilling procedure. Use moderate speed and light down pressure. Clear cuttings frequently to prevent buildup on the bit.

Ground Condition	Recommendations
Clay	Drill slowly with frequent clearing. Clay tends to pack tightly on auger flights. Lift the auger out completely to shake off material. A pilot hole may help in heavy clay.
Rocky Ground	Drill slowly with low speed and light pressure. Be prepared for kickback when the bit contacts rocks. If the auger stalls, reverse briefly, then try again. Consider a rock bit or carbide-tipped bit for heavily rocky soils.
Frozen Ground	Use a pilot bit or narrow-diameter bit to break through the frost layer first. Drill very slowly to prevent bit breakage. Carbide-tipped bits are recommended for frozen ground conditions.

7.5 Using the Auger Extension

For holes deeper than the standard auger bit length, install the auger extension between the drive unit and the auger bit (see Section 6.5). When using an extension:

- Drill to the full depth of the auger bit first, then raise and clear cuttings.
- Continue drilling with the extension, clearing cuttings more frequently due to the increased depth.
- Be aware that the longer assembly will have more flex — reduce speed and maintain careful control.
- Ensure all pin connections between the drive, extension, and bit remain secure throughout operation.

7.6 Clearing Jams Safely

⚠ **WARNING — NEVER CLEAR JAMS WITH AUGER CONNECTED TO HYDRAULIC POWER**

If the auger becomes jammed or stalled in the ground:

1. **STOP** the auger immediately — cease all hydraulic flow.
2. **Relieve** all hydraulic pressure in the system.

3. **Shut down** the host machine engine.
4. **Clear** the jam manually using hand tools only — never reach into the hole with the auger still connected to hydraulic power.
5. Once cleared, restart the machine and resume drilling at reduced speed.

7.7 Transport Position

- Remove the auger bit from the hex drive, or secure it in a raised position with the bit off the ground.
- Lower the auger drive unit to a stable position on the lift arms.
- Ensure no components are hanging or protruding beyond the machine profile.
- Travel at reduced speed with the attachment raised clear of the ground.

7.8 What NOT to Do

⚠ **PROHIBITED ACTIONS**

- **DO NOT** force the auger into rocks or hardpan — this will damage the bit and drive unit.
- **DO NOT** exceed 36″ auger diameter in dirt conditions.
- **DO NOT** operate without first calling 811 and verifying utility locations.
- **DO NOT** reach near or touch the auger while it is spinning.
- **DO NOT** operate with worn, damaged, or missing bit teeth.
- **DO NOT** exceed the recommended GPM or PSI specifications for this drive unit.
- **DO NOT** use the auger as a pry bar, lever, or for any purpose other than drilling holes.
- **DO NOT** leave the auger bit installed during transport on public roads.

Section 8: Maintenance

Regular maintenance is essential to ensure safe operation and maximum service life of your Jenkins Earth Auger Attachment. Follow the maintenance schedules below and keep accurate records of all service performed.

8.1 Daily Inspection Checklist

Perform the following inspection before each day of use:

✓	Component	What to Check
	Auger Drive Unit / Frame	Cracks, bending, weld failures, loose hardware
	2″ Hex Drive	Wear, rounding, damage to hex surfaces
	Hydraulic Hoses	Cuts, abrasion, bulging, cracking, leaks
	Hydraulic Fittings & Couplers	Leaks, cross-threading, damage to coupler faces
	Pivot Points	Excessive play, dry/noisy operation, grease condition
	Retaining Pins & Clips	Present, secure, not bent or worn
	Auger Bit	Tooth wear, missing teeth, bent flights, cracked welds
	Quick Attach Plate	Locking mechanism functional, no cracks or wear

8.2 Greasing Schedule

Greasing Interval: Every 8–10 Hours of Operation

Grease all pivot point fittings (zerks) every 8–10 hours of operation using a quality multi-purpose lithium-based grease. Pump grease into each fitting until fresh grease appears at the joint. In wet, muddy, or dusty conditions, grease more frequently. Wipe excess grease to prevent dirt accumulation.

8.3 Gearbox Oil Check and Change

- **Check oil level:** Every 50 hours of operation. With the drive unit level, remove the gearbox oil fill/check plug and verify the oil level is at the bottom of the plug hole.
- **Initial oil change:** After the first 50 hours of operation.
- **Subsequent oil changes:** Every 500 hours or annually, whichever comes first.
- **Oil type:** Use the gear oil type and grade specified on the gearbox label or as recommended by Jenkins Iron and Steel. Contact the factory if unsure.
- Inspect drained oil for metal particles or contamination, which may indicate internal gearbox wear.

8.4 Hydraulic System Maintenance

- Inspect all hydraulic hoses for cuts, abrasion, bulging, cracking, or weather damage before each use.
- Replace any damaged or suspect hydraulic hoses immediately — do not tape or temporarily repair them.
- Inspect flat-face couplers for damage, contamination, or wear. Clean coupler faces before each connection.
- Check all hose fittings for tightness and signs of leakage.
- Hydraulic hoses should be replaced every 2–4 years regardless of appearance, as they degrade internally over time.

8.5 Hex Drive Inspection

- Inspect the 2″ hex drive for rounding, mushrooming, or wear on the hex surfaces.
- A worn hex drive will cause the auger bit to slip, wobble, or fail to seat properly.
- Replace the hex drive if any noticeable rounding, deformation, or excessive wear is present.

8.6 Auger Bit Maintenance

- **Teeth/Carbides:** Inspect cutting teeth and carbide tips before each use. Replace worn, chipped, broken, or missing teeth immediately. Drilling with missing teeth causes uneven loading and accelerated wear.
- **Sharpening:** Auger bit cutting edges can be sharpened with a grinder when dulled. Maintain the original cutting angle. Replace the bit if the cutting edges are worn past the carbide inserts.
- **Flights:** Inspect auger flights for bending, cracking, or broken welds. Bent flights reduce drilling efficiency and can cause excessive vibration.
- **Pilot point:** Inspect the pilot point (center tip) for wear and bending. Replace if worn down or bent.

8.7 Storage Guidelines

- Store the auger drive unit with the auger bit **removed**.
- Lower the drive unit to a stable resting position on the ground or on a storage stand.
- Disconnect all hydraulic hoses and cap all open coupler ends to prevent contamination.
- Apply a light coat of grease or oil to the hex drive and all exposed metal surfaces to prevent rust.
- Store in a clean, dry, covered area away from weather and moisture.
- Grease all pivot points before placing in storage.

Section 9: Troubleshooting

Use the following table to diagnose and resolve common issues with your Jenkins Earth Auger Attachment. If the problem persists after following the recommended solutions, contact Jenkins Iron and Steel for technical support.

Problem	Possible Cause(s)	Solution(s)
Auger won’t spin	Hydraulic hoses not connected or connected in reverse; host machine auxiliary hydraulics not engaged;	Verify hose connections and coupler engagement. Ensure auxiliary hydraulics are activated on the host machine. Reseat

Problem	Possible Cause(s)	Solution(s)
	hydraulic coupler not fully seated	or swap couplers as needed.
Slow rotation speed	Insufficient hydraulic flow (GPM) from host machine; partially restricted hydraulic filter; hose kink or restriction	Verify host machine delivers 15–30 GPM. Check and replace hydraulic filter. Inspect hoses for kinks or damage.
Low torque output	Insufficient hydraulic pressure (PSI); internal gearbox issue; relief valve set too low on host machine	Verify host machine pressure rating meets 3,000 PSI specification. Check relief valve settings. Contact Jenkins if gearbox issue suspected.
Auger stalls in ground	Bit overloaded with soil; hitting rock or obstruction; bit too large for machine flow/pressure; dull or missing teeth	Lift and clear cuttings more frequently. Reduce bit diameter. Inspect and replace teeth. Drill slowly in difficult conditions.
Excessive vibration	Bent auger bit or flights; missing teeth; worn hex drive; loose mounting or retaining pins	Inspect and straighten or replace auger bit. Replace missing teeth. Inspect hex drive for wear. Tighten all connections.
Hydraulic fluid leaks	Loose fittings; damaged hose; worn coupler seals; cracked coupler body	Tighten fittings. Replace damaged hoses. Replace coupler seals or couplers. Never use hands to locate leaks.
Unusual gearbox noise	Low gearbox oil level; contaminated oil; internal gear or bearing wear	Check and refill gearbox oil. Change oil if contaminated. Contact Jenkins if noise persists — internal repair may be needed.
Auger bit won't seat in hex drive	Worn or damaged hex drive; debris in hex drive; mismatched bit/drive size; bit hub damaged	Clean the hex drive and bit hub. Inspect for wear or damage. Verify bit is the correct 2″ hex size. Replace worn components.
Auger drifts/walks off center	Pilot point worn or missing; uneven ground; bit hitting underground obstruction at an angle	Inspect and replace pilot point. Ensure machine is level. Start holes slowly and verify plumb alignment before increasing speed.
Kickback when hitting obstacles	Rocks, roots, or buried objects; excessive drilling speed; too much down pressure	Reduce speed and down pressure. Drill slowly in unknown conditions. Be prepared to stop immediately. Clear obstructions manually.
Motor overheating	Exceeding continuous pressure rating; low hydraulic fluid in host machine; restricted return line; prolonged stalling	Verify operating within 3,000 PSI specification. Check host machine hydraulic fluid level. Inspect return line for restrictions. Allow motor to cool.
Mounting issues	Quick attach plate misalignment; worn or bent locking pins on quick attach; damaged mounting plate	Re-align and re-engage quick attach. Inspect and replace worn locking pins or latches. Inspect mounting plate for damage.

Problem	Possible Cause(s)	Solution(s)
Auger won’t reverse	Host machine auxiliary hydraulics not set to bi-directional; hydraulic hoses connected in wrong direction	Verify host machine auxiliary circuit supports bi-directional flow. Swap hydraulic supply and return hoses if needed.
Extension connection loose	Worn retaining pins; missing clips/cotter pins; worn hex on extension	Replace retaining pins and clips. Inspect extension hex for wear. Replace worn extension components.
Poor hole quality (ragged edges)	Dull or damaged cutting teeth; worn or missing pilot point; excessive speed; bit too large for soil conditions	Sharpen or replace cutting teeth. Replace pilot point. Reduce speed and use appropriate bit size for soil type.

Section 10: Replacement Parts Reference

The following replacement parts are available for the Jenkins Iron and Steel Earth Auger Attachment.

Contact Jenkins Iron and Steel directly or your authorized dealer to order parts.

Part Name	Description
Planetary Gearbox	Complete sealed gearbox assembly with direct drive system
Gearbox Seal Kit	Complete set of seals for gearbox rebuild/reseal
Hydraulic Motor	Replacement hydraulic motor for the auger drive
Hydraulic Hoses	Supply and return hoses (specify length when ordering)
Flat-Face Couplers	Replacement flat-face hydraulic couplers (male and female)
2″ Hex Drive	Replacement self-centering 2″ hex drive unit
Pivot Pins	Replacement pivot pins for frame pivot points
Bushings	Replacement bushings for pivot points
Grease Fittings	Replacement grease zerks for all pivot points
Auger Bits (Various Sizes)	Available in 4″ through 36″ diameters for dirt applications
Auger Extension	Extension for drilling deeper holes beyond standard bit length
Bit Teeth / Carbides	Replacement cutting teeth and carbide tips for auger bits

Part Name	Description
Mounting Hardware	Bolts, nuts, pins, clips, and cotter pins for mounting and bit retention

Ordering Parts

When ordering replacement parts, please have your model number and serial number ready. This ensures you receive the correct parts for your specific unit. Contact Jenkins Iron and Steel at **(320) 732-2658** or toll-free at **1.855.732.3843** for parts inquiries and ordering.

Section 11: Warranty and Contact Information

11.1 Warranty Coverage

Jenkins Iron and Steel warrants the Earth Auger Attachment to be free from defects in materials and workmanship for a period of **two (2) years** from the date of original purchase. This warranty applies to the original purchaser only and is non-transferable.

What Is Covered

- Defects in materials used in manufacturing
- Defects in workmanship (welds, assembly, machining)
- Failure of the planetary gearbox under normal operating conditions
- Failure of the hydraulic motor under normal operating conditions

What Is NOT Covered (Exclusions)

- Normal wear and tear, including auger bit teeth, carbides, pilot points, and cutting edges
- Damage caused by misuse, abuse, neglect, or operation beyond the specifications outlined in this manual

- Damage caused by failure to perform required maintenance (greasing, oil changes, inspections)
- Damage caused by operation with improper hydraulic flow (outside 15–30 GPM) or pressure (exceeding 3,000 PSI)
- Damage caused by unauthorized modifications, alterations, or repairs
- Hydraulic hoses, fittings, and couplers (wear items)
- Damage resulting from striking underground utilities, rocks, or other obstructions
- Consequential or incidental damages, including lost profits, downtime, or rental costs

11.2 Warranty Claim Process

32. **Contact Jenkins Iron and Steel** by phone or email to report the issue. Have your model number, serial number, and date of purchase available.
33. **Describe the problem** in detail, including operating conditions, hours of use, and any relevant maintenance history.
34. **Provide photos** of the defective component if requested.
35. **Jenkins will evaluate** the claim and determine warranty eligibility. Jenkins may request the defective part be returned for inspection at the owner's expense.
36. **If approved,** Jenkins will repair or replace the defective component at no charge. Jenkins reserves the right to choose repair or replacement at its sole discretion.

Important

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

11.3 Contact Information

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

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

© Jenkins Iron and Steel. All rights reserved.