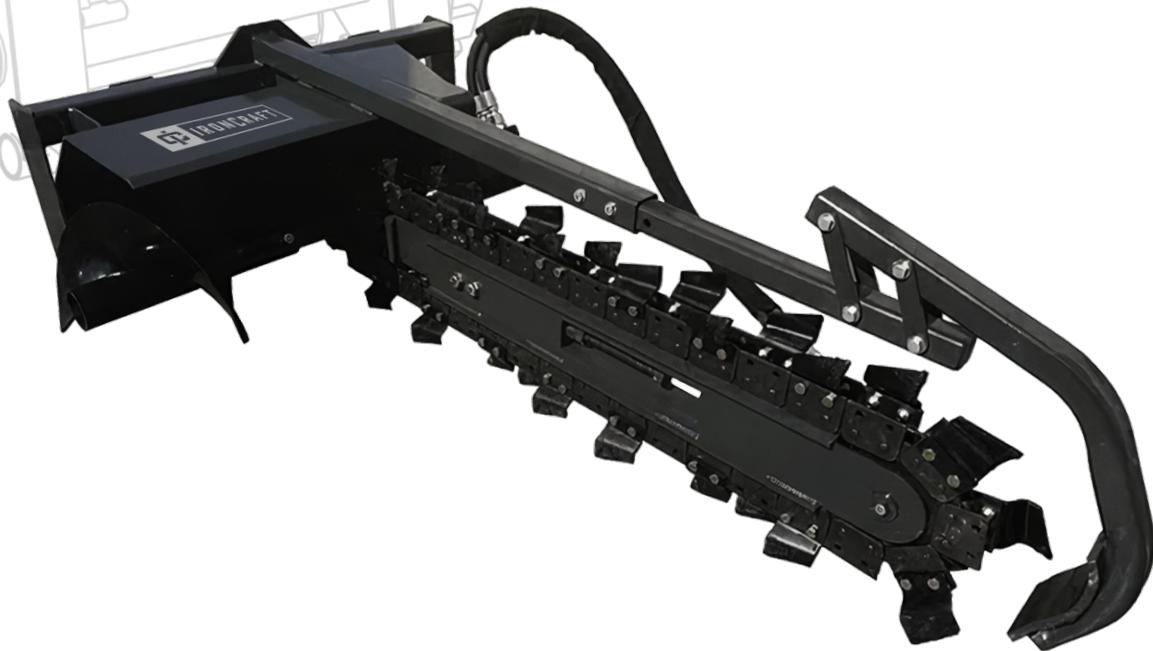




**IRONCRAFT**

# X-TREME SKID STEER TRENCHER



## USE AND MAINTENANCE GUIDE

MODELS: XTRENCH36 AND XTRENCH48

Read and understand the manual. This manual provides information and procedures to safely operate and maintain the X-treme Skid Steer Trencher.



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September 2023

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# INTRODUCTION

## 1.1 WELCOME

Congratulations on your choice of an IronCraft X-treme Skid Steer Trencher. This equipment has been designed and manufactured to meet the needs of discerning users. Many features incorporated into this trencher are the result of suggestions made by customers like you.

Read this manual carefully to learn how to operate the trencher safely and how to set it to provide maximum trenching efficiency. By following the operating instructions, in conjunction with a good maintenance program, your IronCraft trencher will provide many years of trouble-free service.

## 1.2 SAFE OPERATION

Safe, efficient, and trouble-free operation of your trencher requires that you, and anyone else who will be using or maintaining the unit, read and understand the information contained within the Owner's Manual. Use this manual for frequent reference and to pass on to new operators or owners.

Upon reading this manual, all users should sign the "Safety Acknowledgement Form" at the end of this manual. Please record your model and dealer information on page 5. 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](http://www.ironcraftusa.com).



### WARNING READ AND UNDERSTAND MANUAL.

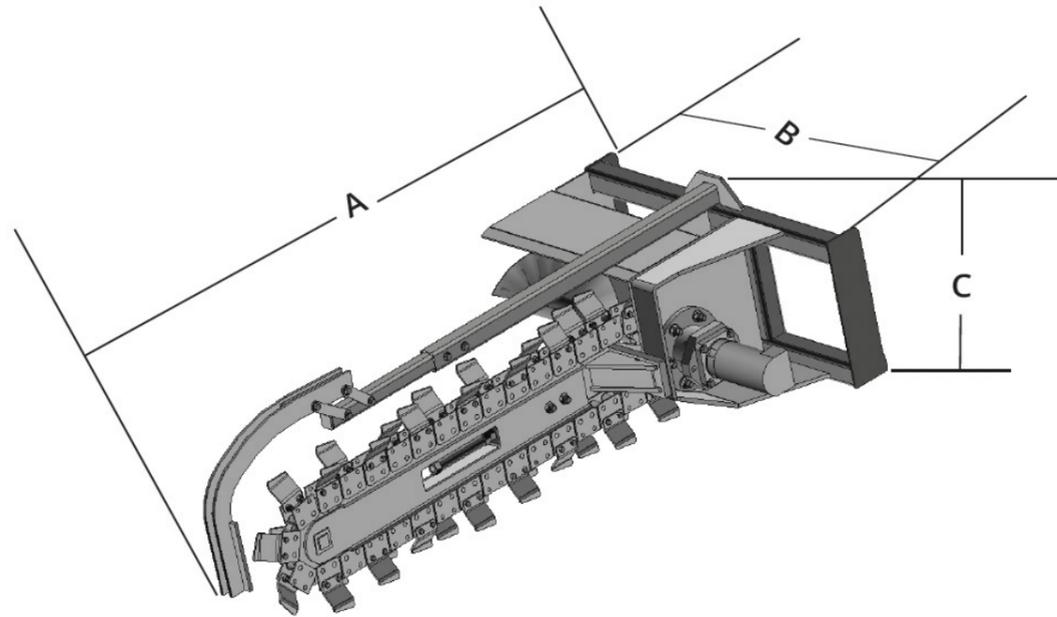
To prevent personal injury or even death, be sure you read and understand all of the instructions in this manual and other related OEM equipment manuals! The trencher, if not used and maintained properly, can be dangerous to users unfamiliar with its operation. Do not allow operating, maintaining, adjusting,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



**STORE THIS MANUAL IN THE DOCUMENT  
CANISTER ATTACHED TO THIS MACHINE.**



## 1.3 SPECIFICATIONS



X-TREME SKID STEER TRENCHER		
MODEL	XTRENCH36	XTRENCH48
HYDRAULIC FLOW OPTIONS	15-20 GPM	20-30 GPM
TRENCHER WEIGHT W/O CHAIN	668 lbs	686 lbs
DIGGING DEPTH	36"	48"
CHAIN TYPES	dirt, rock/frost, combo	
CHAIN WIDTHS	6", 8"	
OVERALL MEASUREMENTS	Length (A): 90" • Width (B): 48" • Height (C): 25"	

Specifications subject to change without notice.

## 1.4 REGISTER THIS PRODUCT

PURCHASE DATE

DEALER NAME

ADDRESS

PHONE NUMBER

MODEL

SERIAL



"WHY WOULD I WANT TO REGISTER MY MACHINE?" YOU ASK. IT'S A VALID QUESTION. WE USED TO ASK OURSELVES THE SAME THING...

You need to register your new product within 30 days of delivery. Without registration, your warranty claims will not be honored.

Registering your machine means you get the full benefits of the warranty terms we offer.

Scan this code for an easy-peasy registering process. You'll be glad you did.



<https://www.ironcraftusa.com/warranty/register-warranty/>

# SAFETY INFORMATION

## 2.1 INTRODUCTION

The following terms are used interchangeably throughout this manual.

X-TREME TRENCHER	SKID STEER	OPERATOR
implement, attachment, product, machine, trencher	skid steer loader, skid steer tractor, loader, prime mover	user, personnel

The Xtreme Skid Steer Trencher 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 in this manual before operating this trencher. Accident prevention is a combination of good judgement, common sense, awareness and proper training!



### BEFORE YOU OPERATE THIS TRENCHER:

1. KNOW how to safely operate your skid steer loader.
2. READ and UNDERSTAND the safety instructions and operating procedures contained in this manual.
3. ACKNOWLEDGE your understanding of all safety instructions presented in this manual by signing the "Safety Acknowledgement 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 safety warnings 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.

## 2.2 SAFETY ALERT SYMBOLS



This is the safety alert symbol and will be accompanied with a descriptive pictorial. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

This manual contains DANGERS, SAFETY INSTRUCTIONS, CAUTIONS, IMPORTANT NOTICES, and NOTES which must be followed to prevent the possibility of improper service, damage to the equipment, personal injury, or death. The following key words call the readers' attention to potential hazards. Hazards are identified by the "Safety Alert Symbol" and followed by a signal word such as "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 that equipment or property damage can result if instructions are not followed.

### SAFETY INSTRUCTIONS

Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.

**Note:** Contains additional information important to a procedure.

## 2.3 SAFETY PICTOGRAMS

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

	<b>PINCH HAZARD:</b> Keep clear of skid steer and trencher machine to prevent death or serious injury from pinching of moving parts.
	<b>FLYING DEBRIS HAZARD:</b> ONLY operate this machine using a skid steer that has a shatter proof cab to prevent death or serious injury from objects being thrown.
	<b>OPERATING MANUAL:</b> Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.
	<b>EYE PROTECTION &amp; CARDBOARD:</b> 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.
	<b>HIGH PRESSURE FLUID INJECTION HAZARD:</b> 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.
	<b>NO BYSTANDERS:</b> DO NOT operate this machine near bystanders. Bystanders must stay back at least 300 feet from the machine to prevent death or injury from objects being thrown.
	<b>CRUSH HAZARD:</b> DO NOT place any part of the body under the machine or skid steer arms to prevent death or serious injury from being crushed.
	<b>SAFETY CHAIN:</b> Must be installed to prevent the trencher deck from being raised more than 2 feet from ground level.

## 2.4 GENERAL SAFETY INSTRUCTIONS

Below are general safety instructions that relate to the overall operation and maintenance of this machine. It is important that you read and understand each message to prevent serious injury or death.

	<b>ALWAYS</b> watch for overhead power lines.		<b>INSTALL</b> this trencher on a skid steer loader equipped with a thermoplastic polycarbonate door panel and side panels only.
	<b>DO NOT</b> place hands or feet under trencher deck while blades are spinning.		<b>PREVENT</b> the skid steer loader and implement from rolling forward, by stopping the engine and setting the parking brake when exiting the skid steer loader.
	<b>NEVER</b> operate this trencher when bystanders are within 300 feet of your work area. Flying debris could cause serious injury or death.		<b>INSPECT</b> implement for missing hardware prior to using this machine.
	<b>NEVER</b> position your body or limbs under an unsupported cutter deck.		<b>DO NOT</b> allow children to play on or around this equipment at any time. Store this implement in an area not frequented by children.
	<b>DO NOT</b> allow this machine to contact buildings, utilities, large rocks or tree stumps or you may lose control of the skid steer loader.		<b>ALWAYS</b> wear the proper personal protection equipment while operating or servicing this machine. NEVER operate or service this machine with bare feet, sandals, or other light footwear.
	<b>DO NOT</b> allow riders on the skid steer loader or on this attachment.		<b>ALWAYS</b> use eye protection while operating or servicing this machine.
	<b>NEVER</b> use drugs or alcoholic beverages while operating or servicing this machine.		<b>DO NOT</b> speed! Keep your driving speed between 2 and 5 mph.
	<b>ALWAYS</b> operate this attachment during daylight or well-lit areas.		<b>DO NOT</b> operate this machine during lightning or severe weather conditions.
	<b>ALWAYS</b> wear work gloves when handling cutter blades as they are often very sharp.		

# SAFETY SIGNS AND LABELS

## 3.1 SAFETY DECALS

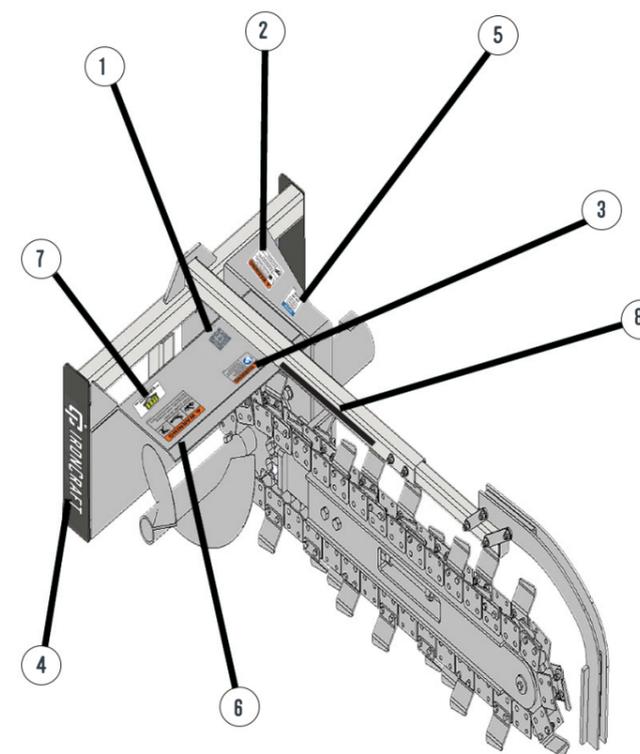
The safety decals affixed to this machine are in place to keep you safe. DO NOT ignore these decals. Read and understand each decal's safety message. The following safety decals are affixed to this machine:

1.  **SCAN TO VIEW OWNER'S MANUALS**
2.  **WARNING**  
**HIGH-PRESSURE FLUID HAZARD**  
 To prevent serious injury or death:  
 • Relieve pressure on hydraulic system before servicing or disconnecting hoses.  
 • Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands.  
 • Keep all components in good repair.  
 • Grease all fittings daily.
3.  **WARNING**  
**DO NOT OPERATE OR SERVICE THIS MACHINE UNTIL YOU HAVE:**  
 • Read the "Owner's Manual"  
 • Been properly trained and instructed in its use.
4.  **IRONCRAFT**
5.  **NOTICE**  
**AUXILIARY HYDRAULIC FLOW NOT TO EXCEED 20-30 GPM**
6.  **WARNING**  
**STAY BACK 25 FEET**  
 Moving auger, chain and flying dirt/rocks can cause serious injury.
7.  **811**  
**Know what's below. Call before you dig.**
8.  **WARNING STAY BACK 25 FEET**

### SAFETY INSTRUCTIONS

- Decals must be kept clean and legible at all times.
- Operators must inspect the machine for safety decals.
- Replace missing, worn or damaged decals immediately.
- Use care when cleaning the machine. When using a hot pressure washer 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 machine.
- Make sure metal surface is dry and free of dirt and grease before applying a new decal to this machine.
- Contact your local dealer to order replacement decals.

## 3.2 SAFETY SIGN LOCATIONS

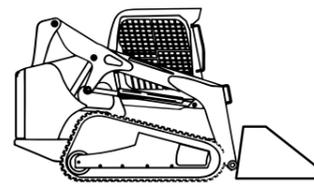


ITEM	TYPE	DESCRIPTION	QTY.
1	INSTRUCTIONAL	Scan to View Owner's Manual	1
2	DANGER	High-pressure Fluid Hazard Warning Label	1
3	DANGER	Do Not Operate Machine Before Reading Owner's Manual Warning Label	1
4	LOGO	IronCraft Logo Decal <b>Note: Non-Safety Decal</b>	2
5	DANGER	Auxiliary Hydraulic Flow Not to Exceed Notice Label <b>Note: When ordering, choose the proper decal for your model.</b>	1
6	DANGER	Stay Back 25 Feet Auger, Chain, Flying Debris Warning Label	
7	DANGER	811 Call Before You Dig Label	
8	DANGER	Stay Back 25 Feet Warning Label	

### 3.3 SKID STEER LOADER REQUIREMENTS

#### NOTICE

A skid steer equipped with tracks (COMPACT TRACK LOADER) will provide superior stability in this application.



TRACKED

VS.



WHEELED



#### WARNING

Ensure your skid steer loader is in good operating condition. Follow the operating instructions found in your skid steer operator's manual. Failure to do so could result in minor or moderate injury.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS



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

## OPERATING PROCEDURES

### 4.1 UNPACKING YOUR TRENCHER

Your attachment arrives from the factory strapped to a wood pallet, and requires no final assembly. Use a pair of tin snips to remove the steel strapping.



#### CAUTION

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

#### PRE-OPERATING CHECKLIST

✓	Trencher is securely attached to the skid steer loader.
✓	Hydraulic hoses are connected and locked to the skid steer hydraulic couplers with no signs of hydraulic oil leaks present.
✓	Chain is attached with proper tension.
✓	Safety labels are present and legible.
✓	Call 811. Know what's below before you dig.
✓	The area of operation is clear of bystanders and any obstacles that could damage the equipment or cause injury to the operator.
✓	The operator is of good health and not under the influence of any mind altering substances or alcohol.

## 4.2 HOW TO MOUNT TRENCHER

Refer to your skid steer operator's manual for specific instructions on how to mount and dismount your attachment.

### GENERAL ATTACHMENT METHOD

1. Make sure the hydraulic lines are clear from the front side of the trencher's attachment plate and that the locking pins on the skid steer mounting plate are retracted.
2. Drive forward and place top of skid steer mounting plate under the attachment mounting flange. See Figure 4.2a below.
3. Slowly raise and tilt back the skid steer mounting plate until the trencher attachment plate rests flat against the skid steer mounting plate.
4. Activate your skid steer's lever lock switch to engage and lock the pins into the flange slots of the trencher's attachment plate. If your skid steer does not have this switch, push the latch handles down until you can see the lock pins extend into the attachment flange. See Figure 4.2b below.

### NOTICE

To keep contaminants from entering the hydraulic system; wipe off any dirt or dust from the male or female hydraulic flat face couplers with a clean rag before attaching hoses.

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

### NOTICE

Check that the hydraulic hoses are locked into the skid steer couplers before starting trencher.

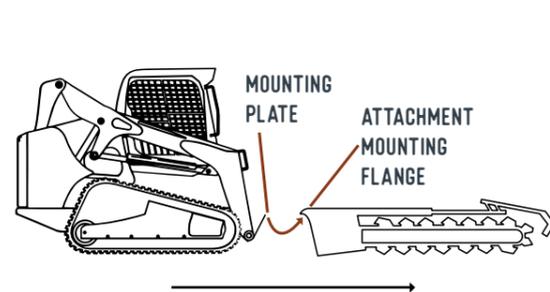


Figure 4.2a: Skid Steer Mounting Plate to Attachment Mounting Flange

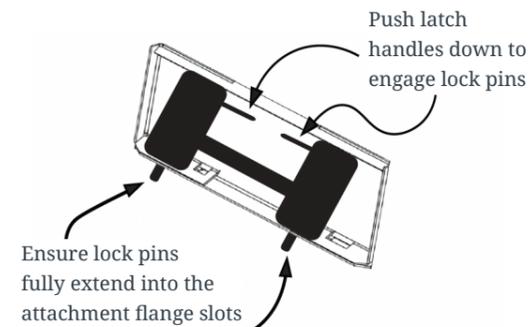


Figure 4.2b: Lock Pins Engaged

## 4.3 TRENCHER CONTROLS



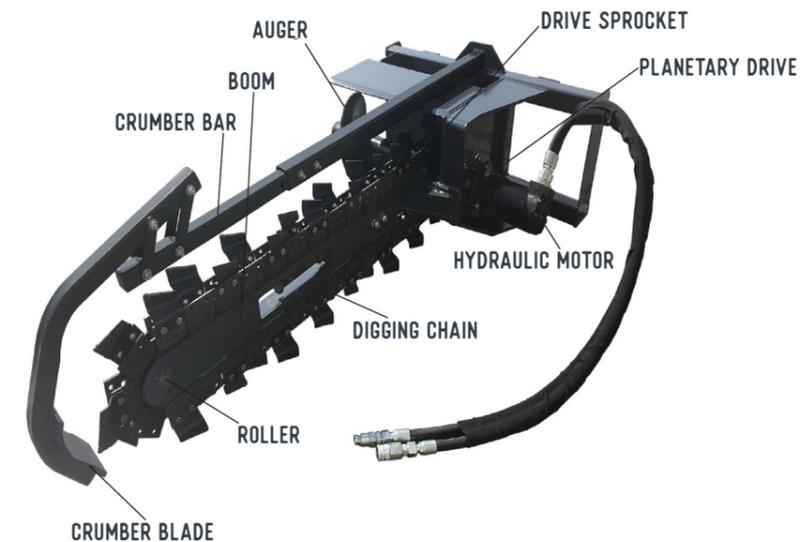
### WARNING

Review the "Controls" section of your skid steer owner's manual before operating this trencher. Be familiar with the function of all controls to prevent a serious injury or death.

The Xtreme Trencher is controlled using the appropriate controls on your skid steer loader.

SKID STEER CONTROL ACTION	TRENCHER ACTION
Push Right Joystick Forward (lower lift arms) Pull Right Joystick Backward (raise lift arms)	Raises and Lowers
Roll Right Joystick Left / Right	Tilts Up and Down
Counter Rotate Tires Left / Right	Moves Left and Right
Activate Auxiliary Hydraulics	Chain Rotates
Increase / Decrease Throttle	Chain Speed Increases / Decreases

## 4.5 TRENCHER COMPONENTS



## 4.5 INITIAL USE PROCEDURE

### NOTICE

Before operating the trencher, check the skid steer's hydraulic oil level and add oil if necessary.

After starting skid steer, lift attachment 12 inches off the ground surface:

1. With the skid steer engine RPMs just above idle, activate the skid steer's auxiliary hydraulic system.
2. Allow the trencher to run for 30 seconds to purge air from the system, then turn off hydraulic flow.
3. Lower the trencher to ground level, set parking brake, shut off the engine and exit the operator's compartment.
4. Check the skid steer's hydraulic oil level, add oil if necessary.

### BEFORE DIGGING

You must notify utility companies of your intent to dig or trench by calling 811 or making an online request with your state's 811 center a few days prior to digging or trenching.

Scan this code to connect to your state's 811 center.



<https://call811.com/811-In-Your-State>

#### BEFORE DIGGING CHECKLIST

✓	Mark the perimeter of the area to be excavated with white paint, chalk, or white flags.
✓	Call 811 to have any utilities marked.
✓	Become familiar with the type of soil you will be trenching in and install the proper digging chain.
✓	Observe any obstacles and decide the best beginning and ending points of the trench.
✓	Secure the work area with barricades and/or caution tape to warn bystanders of the work hazard.

## 4.6 TRENCHING OPERATIONS

### DO NOT

use this machine to “push down” trees or remove vegetation.

### LIFT

the trencher above the ground surface before making any turns.

### AVOID

excessive side loading on the trencher.

### POSITION

the trencher in the most vertical position when trenching a curve. Keep the auger at ground level so that dirt spoils are moved away from the trench.

### REDUCE

the throttle speed when starting a trench to prevent a shock load to the trencher and loader as the teeth contact the soil. Increase the throttle once the digging chain is in the soil.

### ENSURE

digging chain has the proper tension before each use. (Refer to page 22 for chain adjustment procedure.)



### WARNING

Keep clear of trencher boom while trenching. Contact with the digging chain and teeth while in motion could result in serious injury or death from being entangled or dismembered.



### WARNING

Trencher may throw rocks and debris that could cause death or serious injury to bystanders. Do not operate the trencher when bystanders are within 20 feet of this machine.

### NOTICE

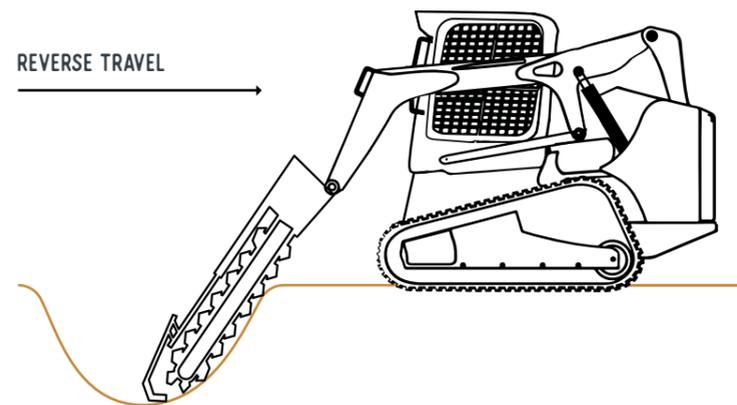
Trenching is always performed with the skid steer loader traveling in reverse.

## 4.6 TRENCHING OPERATIONS CONT.

### STRAIGHT LINE TRENCHES

With the trencher secured to your skid steer:

1. Position skid loader on centerline of trench and 3 foot in front of the desired trench starting point.
2. Raise and tilt the trencher at a 45° angle so that the digging teeth are slightly above ground level.
3. Activate the auxiliary hydraulic system.
4. With half throttle, slowly lower the trencher boom until the Crumber Support rolls back onto the crumber bar.
5. Increase the throttle and continue to lower the digging chain to the desired depth.
6. After reaching the desired depth, slowly drive skid loader in reverse and increase the boom angle to 60°.



### NOTICE

The trencher may stall if the skid steer loader is traveling too fast. Trench at a steady pace to prevent the trencher from stalling. Continual stalling of the trencher can cause the hydraulic oil to become too hot leading to possible pump failure. If the hydraulic oil temp is too hot, turn off the trencher and allow it to cool.

### ENDING THE TRENCH

When you reach the end of your trench:

1. Continue trenching until the end of the digging chain has moved past the desired end point of the trench.
2. Stop the skid steer and raise the loader arms until the trencher has cleared the trench.
3. Turn off the auxiliary hydraulic system to stop the trencher.
4. Drive skid loader and trencher to next location.

## MAINTENANCE PROCEDURES

### 5.1 MAINTENANCE OVERVIEW

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

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

### NOTICE

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

### SAFETY INSTRUCTIONS

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



#### WEAR

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



#### SERVICE

If servicing is performed while the trencher is attached to the skid steer, turn engine off, set parking brake and chock wheels to prevent skid steer from moving.



#### 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.



#### ENSURE

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



#### ALLOW

the machine to cool down before servicing this machine. Hot oils can burn your skin.

## 5.2 MAINTENANCE SCHEDULE

The Xtreme Trencher 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 skid steer loader hydraulic fluid level. Add fluid as necessary.	✓		
Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary.	✓		
Replace worn or missing teeth or bits.	✓		
Inspect and replace any worn, torn, or missing safety decals.	✓		
Inspect hydraulic plumbing (hoses and connectors) for damage or leakage. Repair or replace hydraulic items as necessary.	✓	✓	✓
Check condition of chain. Replace as necessary.	✓		
Pump No.2 lithium or molybdenum disulfide grease into all grease fittings until old grease is flushed from fittings.	✓		✓
Change oil in planetary gear box after 50 hours of first time use, then every 1,000 hrs or yearly.		✓	
Wash trencher.		✓	✓
Check Trencher for major scratches and dings. Sand and repaint these areas to prevent rust damage. Use a paint formulated for farm equipment which can be found at your local hardware store			✓

### MAINTENANCE LOG

Document all maintenance and service activities performed on this trencher using the maintenance log included at the end of this manual.

## 5.3 STORAGE TIPS

To get years of quality use out of your Xtreme Skid Steer Trencher, follow these tips when storing:



### THOROUGHLY WASH

then dry your trencher. Ensure trencher is free of debris, dirt, grime and grease.



### STORE

your trencher in a dry area such as in a shed or garage.



### COVER

your trencher with a waterproof tarp if storing outside.

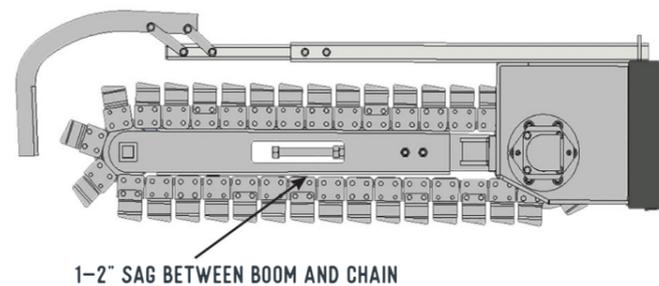
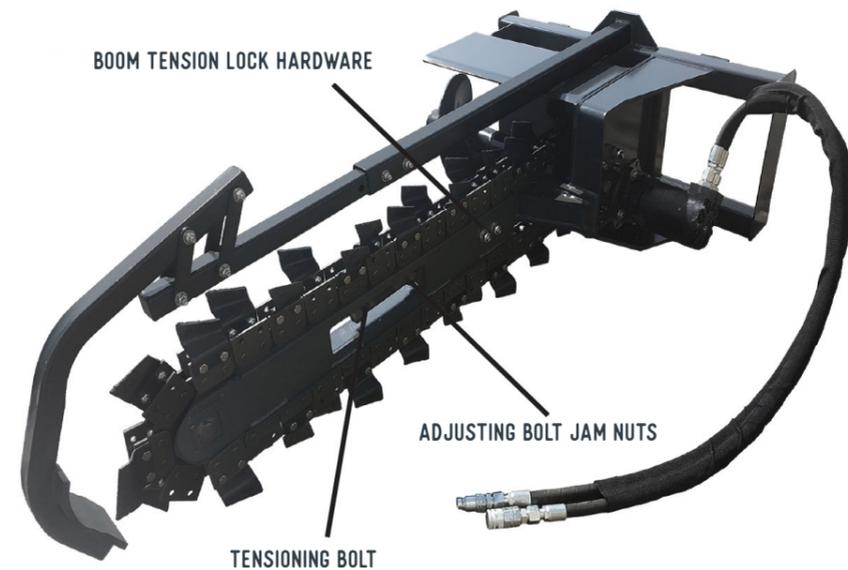
## 5.5 CHAIN SERVICING

### CHAIN TENSION

Check that the digging chain has the correct tension before each use. Trencher arm should be in the horizontal position when checking the chain tension.

To adjust the chain tension:

1. Loosen boom tension lock hardware.
2. Loosen the adjusting bolt jam nuts.
3. Turn the tensioning bolt clockwise until there is a 1-2 inches of sag between the chain and the middle section of boom.
4. Tighten jam nuts.
5. Tighten nuts on outer boom section.



## 5.6 CHAIN REMOVAL

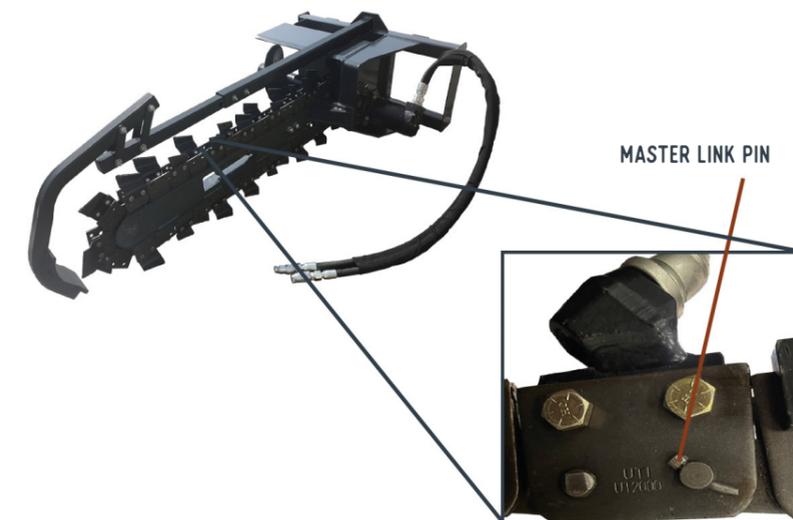


### CAUTION

Chains contain sharp edges and are heavy and difficult to handle. Wear protective gloves and use proper lifting devices to position the chain to prevent a minor or serious injury.

With the trencher securely attached to skid steer and resting on the ground:

1. Relieve the chain tension. (See previous page.)
2. Rotate chain so that the master link pin can be accessed from both sides.
3. Secure a lifting strap to the chain to control it after removing the master link pin.
4. Remove master link pin.
5. Raise the lifting strap to pull chain off the boom.



## 4.6 CHAIN INSTALLATION

With the trencher securely attached to skid steer and resting on the ground:

1. Secure trencher to skid loader.
2. Using a lifting strap to assist you, place the chain onto the nose roller and over the drive sprocket. The cutting edge of the teeth should be facing away from the trencher.
3. Wrap each end of the chain under the boom and join together using a master link pin.
4. Adjust the chain tension. (See previous page.)

# TROUBLESHOOTING



## CAUTION

Wear eye protection and do not use your body to feel for leaks.

PROBLEM	CAUSE	RESOLUTION
Digging chain will not turn when the auxiliary hydraulics is activated	Hydraulic hose not properly connected	Check and reconnect hoses
	Skid Loader's hydraulic system not functioning	Check for hydraulic leaks
	Digging chain too tight	Loosen chain
	Chain is bound up with dirt and rocks	Clean chain at nose roller and sprocket
	Obstruction in ground	Investigate and clear obstruction
Digging chain falls off the boom	Incorrect chain tension.	Adjust chain tension (See page 22)
Trencher veers off in one direction	Improper digging tooth arrangement	Rearrange cutting teeth
	Tail roller or drive sprocket is worn	Replace tail roller and drive sprocket
Trencher lacks power/speed	Reverse travel speed is too fast	Slow prime mover's travel speed
	Hydraulic system over heating	Turn off prime mover and allow system to cool
	Poor hydraulic flow/restricted hose line	Increase engine speed of prime mover if not running at max RPM
	Loose or broken digging chain	Verify auxiliary circuit is providing sufficient flow
	Incorrect digging components for soil condition	Tighten or replace chain
	Chain not turning freely on boom	Check chain tension, and check for dirt build-up on tail roller or drive sprocket
Dirt is not expelled from the trench when using rock and frost teeth components	Missing or broken teeth.	Ensure the correct chain components are being used for the soil conditions that exist
		Install cupped teeth

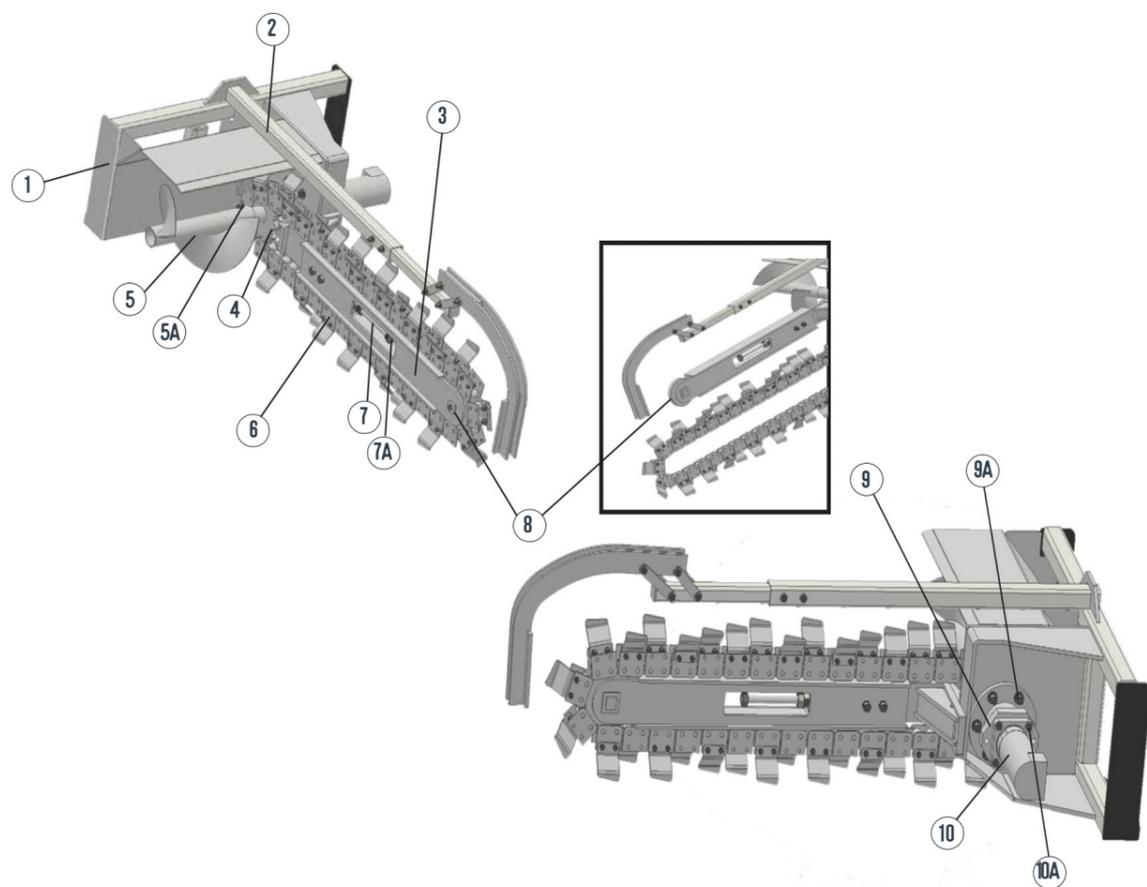
# PARTS INFORMATION

Factory fresh 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	
SERIAL NUMBER	
GPM REQUIREMENTS	
DATE OF OWNERS MANUAL (Bottom Right Corner of Cover Page)	
PARTS DIAGRAM PAGE NUMBER	
PART DESCRIPTION	
REFERENCE NUMBER	
QUANTITY DESIRED	
SHIP TO INFORMATION	
BILL TO/PAYMENT INFORMATION	

Use Genuine Parts from IronCraft.



REF	DESCRIPTION	QTY.
1	Frame Weldment	1
2	Crumber Tube Arm	1
3	Trencher Arm	1
4	Trencher Sprocket/Shaft Weldment	1
5	Auger	1
6	Chain	1
7	1" Threaded Tensioner Rod	1
7a	1" Tensioner Nut	1
8	Trencher Front Roller	1
9	Motor (CID 3033, CID 3032)	1
9a	Motor Mounting Hardware	1
10	Gearbox Motor (BC65)	1
10a	Gearbox Motor Mounting Hardware	1

## 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.

IronCraft trenchers have a five (5) year Limited Warranty\* on gearbox components provided they have been properly maintained\*\* and have not been subjected to abuse or misuse except as limited below.

**\* Gearbox warranty limitations:**

- i. Warranty is one (1) year for seals unless seals are damaged from debris wrapped around the input and or output shaft of the gearbox. After one year, seals are considered to be wearing parts, and the replacement is the owner's responsibility.
- ii. Gearboxes that are subject to warranty may be replaced with new or rebuilt gearboxes at the discretion of IronCraft
- iii. **Shearbolts must be approved Grade 2, 1/2" x 3" shearbolts.**

**\*\*NOTE : "properly maintained" specifically includes, but is not limited to:**

- i. Running gearboxes with the proper amount of correct lubricant.
- ii. Adjusting slip clutches correctly to provide proper protection for gearbox components and drive line.

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](http://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/](http://www.ironcraftusa.com/warranty/register-warranty/)



### MAKE CLAIM

This form is for dealer use only. Do not use for warranty labor or parts reimbursement.

[www.ironcraftusa.com/warranty/claim-warranty/](http://www.ironcraftusa.com/warranty/claim-warranty/)



### REIMBURSEMENT

This form is for dealer use only. Apply for warranty labor or parts reimbursement here.

<https://www.ironcraftusa.com/warranty/reimbursement-form/>









7 ROCKY MT RD  
*Athens, Tennessee 37303*



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