

**RAMSPLITTER**



**RAMSPLITTER**



**Product Manual**

# Table of Contents

## INTRODUCTION

Welcome to Ramsplitter!

## GETTING STARTED

Register Your Log splitter

Getting Started with your Ramsplitter

## SAFETY INSTRUCTIONS

Do's & Don'ts

Safety Guidelines

Preventing Injury Damage

Preventing Machine Damage

## OPERATING INSTRUCTIONS

General Operating instructions

Skid Steer instructions

3 Point instructions

Commercial/Residential Instructions

## MODEL OPTIONS

Skid Steer Log splitters

SSUD20

SSUD30

SSUD30-32

Commercial Log Splitters

H34

HD34

HDFC

HD30

Residential Log Splitters

16 TON

20 TON

3PT Log splitters

16 TON

20 TON

30 TON

## WARRANTY AND RETURNS

Refund policy

Return policy

Repair policy

## MAINTENANCE

Maintenance Checklist





# Introduction

*Welcome to Ramsplitter Log Splitters!*

*At Ramsplitter, we're thrilled to welcome you to our family of log splitting enthusiasts. As a proudly American-made company with a strong commitment to quality and craftsmanship, we're excited to provide you with a log splitter that not only meets your needs but also supports fellow American businesses along the way.*

*Our mission at Ramsplitter is clear: to deliver top-notch log splitters that embody the values of durability, efficiency, and safety. We take great pride in our status as a veteran-owned business, a testament to our dedication and service to our country. Since our founding in 1999 by our owner, Douglas R Davidson, we've been driven by the passion to create products that enhance your log splitting experience while contributing to the growth of American manufacturing.*

*As you embark on your log splitting journey with us, know that we're here to provide not only exceptional machinery but also unwavering support. Your safety is our priority, and our comprehensive safety guidelines will ensure that you can operate your Ramsplitter with confidence. From assembly to maintenance, we've designed this welcome packet to guide you through every step, making your log splitting endeavors efficient, safe, and enjoyable.*

*Thank you for choosing Ramsplitter Log Splitters. With each log you split, you're not only making firewood - you're becoming a part of a community that values quality, craftsmanship, and the spirit of American entrepreneurship. We're excited to join you on this journey and look forward to being a reliable partner in your log splitting adventures.*



# Getting Started

**Product Registration – Protect Your Warranty & Stay Connected!**

Thank you for choosing Ramsplitter Log Splitters! To ensure your warranty remains intact and to receive exclusive special offers, please take a moment to register your product.

**How to Register:**

- Visit [ramsplitter.com/support](https://ramsplitter.com/support) and click on "Register Product" to fill out the form.
- 
- Scan the QR code in this manual for quick access.
- 
- Call us at 815-398-4726, and we'll be happy to register your product for you!

By registering, you'll not only secure your warranty coverage but also gain access to special offers and updates on new products and promotions.

**We'd Love Your Feedback!**

If you're happy with your log splitter, we'd greatly appreciate a review! Your feedback helps us continue to provide top-quality products and service.

Thank you for being part of the Ramsplitter family!



Register you Product



Review our Product



# Getting Started

## Getting Started with Your Ramsplitter Log Splitter

Welcome to the Ramsplitter family! We're excited to help you get the most out of your new log splitter. Follow these steps to get started:

### 1. Unpacking and Assembly

Carefully unpack your log splitter and check all parts against the included parts list.

Follow the assembly instructions in the manual to set up your log splitter. Ensure all bolts and screws are securely tightened.

### 2. Registering Your Product for Warranty

To ensure your log splitter is covered under our warranty, please register your product. You can do this in two ways:

Online: Visit Ramsplitter Support and fill out the product registration form.

Phone: Call us at 815-398-4726, and we will assist you with the registration process.

### 3. Safety Precautions

Your safety is our top priority. Please read and follow these safety guidelines before operating your log splitter:

**Wear Protective Gear:** Always wear safety glasses, gloves, and sturdy footwear when operating the log splitter.

**Read the Manual:** Thoroughly read the entire manual before using the log splitter to understand all safety instructions and operational procedures.

**Clear the Area:** Ensure the work area is clear of any obstacles, and keep bystanders, especially children, away from the operating area.

**Inspect the Equipment:** Before each use, inspect the log splitter for any damage or wear. Do not operate if any parts are damaged or missing.

**Proper Operation:** Only use the log splitter for its intended purpose. Do not modify the equipment or use it in ways not described in the manual.

By following these steps, you'll be well on your way to safely and efficiently using your Ramsplitter Log Splitter. If you have any questions or need further assistance, please don't hesitate to contact us.



# Safety Instructions

## Do's

- ✓ Read and understand the operator's manual before use.
- ✓ Wear proper safety equipment, including gloves, safety goggles, and steel-toe boots.
- ✓ Keep children and bystanders at least 10 feet away from the log splitter.
- ✓ Position the log properly on the splitter before activation.
- ✓ Ensure all hydraulic connections are tight and leak-free before operation.
- ✓ Use the machine on a stable, level surface to prevent tipping.
- ✓ Use both hands to operate the controls safely.
- ✓ Regularly check hydraulic fluid levels and keep them within the recommended range.
- ✓ Shut off the engine and relieve hydraulic pressure before making adjustments or repairs.
- ✓ Maintain proper upkeep by cleaning debris and lubricating moving parts.
- ✓ Inspect and read all safety stickers before operation.

## Don't's

- ✗ Do not operate the log splitter without proper safety guards in place.
- ✗ Do not attempt to split logs that exceed the machine's rated capacity.
- ✗ Do not place hands near the splitting wedge or moving parts.
- ✗ Do not wear loose clothing that could get caught in moving components.
- ✗ Do not allow untrained individuals to operate the machine.
- ✗ Do not operate under the influence of alcohol, drugs, or while fatigued.
- ✗ Do not force the machine if it encounters resistance—investigate the cause instead.
- ✗ Do not leave the log splitter unattended while running.
- ✗ Do not exceed the recommended pressure for the hydraulic system.
- ✗ Do not store the machine outdoors without proper protection from the elements.





# Safety Instructions

Ramsplitter Log Splitters are powerful machines designed to handle heavy-duty splitting tasks. To ensure safe operation, always follow these safety guidelines:

**Read the Manual** – Familiarize yourself with the operation and maintenance procedures before using the log splitter.

**Wear Safety Gear** – Always wear protective eyewear, gloves, long pants, and sturdy footwear. Avoid loose clothing and jewelry that could get caught in moving parts.

**Inspect Before Use** – Check all hydraulic hoses, connections, and mechanical components for leaks, damage, or wear before operating the machine.

**Inspect and Read Safety Stickers** – Ensure all safety decals are legible and follow the warnings and instructions provided on the machine.

**Secure the Work Area** – Operate the log splitter on a flat, stable surface free from debris, bystanders, or obstacles.

**Keep Hands and Feet Clear** – Never place hands or feet near the splitting wedge, log cradle, or hydraulic cylinder while the machine is in operation.

**Use the Right Logs** – Only split logs that fit the machine's recommended size and do not exceed its capacity.

**Shut Down for Maintenance** – Turn off the engine or disconnect the hydraulic power source before performing any maintenance or clearing debris.

**Never Modify the Splitter** – Unauthorized modifications can compromise safety and void the warranty.

**Store Properly** – When not in use, store the log splitter in a dry, secure location away from children and unauthorized users.



# Safety Instructions

## Preventing Injury and Damage

### Preventing Operator Injuries:

Always operate the log splitter with a firm stance and both hands on the controls.

Stand to the side, never in front of or behind the splitting wedge. Allow the machine to complete the full cycle before loading another log.

If a log gets stuck, turn off the machine before attempting to remove it.

Be aware of pinch points and avoid placing body parts near moving parts.

Follow all manufacturer recommendations for maintenance and lubrication.

### Preventing Machine Damage:

Regularly inspect hydraulic hoses for leaks or cracks and replace them as necessary.

Do not overfill or underfill hydraulic fluid levels.

Use only manufacturer-approved hydraulic oil and replacement parts.

Keep debris, dirt, and wood chips away from the hydraulic system and controls.

Do not operate with damaged or worn-out components—replace parts as needed.

Never attempt to use the splitter in extreme weather conditions that could affect its performance.

By following these safety precautions, you can ensure the longevity of your log splitter and protect yourself and others from harm. Always refer to the owner's manual for detailed operational instructions and contact Ramsplitter customer support with any safety concerns.



# Operating Instructions

## Operating Instructions for Your Ramsplitter Log Splitter

Follow these instructions to safely and efficiently operate your Ramsplitter Log Splitter, whether it's a skid steer, 3-point, commercial, or residential model.

### General Operating Instructions

#### Preparation:

Ensure the log splitter is on a flat, stable surface.

Clear the area of any obstacles and ensure bystanders, especially children, are at a safe distance.

Wear appropriate safety gear, including safety glasses, gloves, and sturdy footwear.

#### 2. Starting the Log Splitter:

For gas-powered models, check the fuel level and add fuel if necessary.

For electric models, ensure the power source is properly connected.

Follow the specific starting procedure outlined in the manual for your model.

#### 3. Loading the Log:

Place the log on the splitter bed, ensuring it is positioned securely against the wedge.

Do not attempt to split logs that are too large or too small for the machine's capacity.

#### 4. Operating the Controls:

Engage the hydraulic lever or control handle to start the splitting process. Keep hands and other body parts away from the splitting area while the machine is in operation.

If the log does not split completely, release the control and reposition the log before attempting again.

#### 5. Shutting Down:

Once the splitting is complete, return the hydraulic lever or control handle to the neutral position.

For gas-powered models, turn off the engine and disconnect the spark plug wire.

For electric models, unplug the power source.



# Operating Instructions

## Skid Steer Log Splitters

**Attachment:** Ensure the log splitter is securely attached to the skid steer loader. Follow the manufacturer's instructions for proper attachment.

**Hydraulic Connections:** Connect the hydraulic hoses to the skid steer's hydraulic system. Check for leaks and ensure all connections are secure.

**Operation:** Use the skid steer's controls to operate the log splitter. Follow the general operating instructions above.

## 3-Point Log Splitters

**Attachment:** Attach the log splitter to the tractor's 3-point hitch. Ensure it is securely fastened.

**PTO Connection:** Connect the PTO shaft to the tractor's PTO. Ensure it is properly engaged and lubricated.

**Operation:** Use the tractor's controls to operate the log splitter. Follow the general operating instructions above.

## Commercial and Residential Log Splitters

**Engine Start-Up:** For gas-powered models, follow the engine start-up procedure in the manual. For electric models, ensure the power source is connected.

**Hydraulic Operation:** Engage the hydraulic lever or control handle to start the splitting process. Follow the general operating instructions above.

## Safety Reminders

**Never Operate Alone:** Always have someone nearby in case of an emergency.

**Stay Alert:** Pay attention to your surroundings and the operation of the log splitter at all times.

**Emergency Stop:** Familiarize yourself with the emergency stop procedures for your specific model.

By following these operating instructions, you can safely and effectively use your Ramsplitter Log Splitter. If you have any questions or need further assistance, please contact our support

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# Skid Steer Log Splitters

## How to Install Skid Steer Attachments

Mounting skid steer attachments is a simple process that can be completed efficiently with the right tools and understanding. Here's a breakdown of the steps involved in properly installing your skid steer attachments:

**Step 1: Position the Skid Steer Loader** Begin by parking the skid steer loader on a level surface and ensuring the engine is turned off before proceeding.

**Step 2: Lower the Attachment Pins** Lower the attachment pins located on the attachment plate to their lowest position in preparation for installation.

**Step 3: Align the Attachment** Ensure the attachment is aligned with the attachment plate on the skid steer loader, ensuring that the attachment pins are correctly matched up.

**Step 4: Raise the Attachment Pins** Utilize the loader arms to lift the attachment into place, aligning the attachment pins with the attachment plate. Once aligned, raise the attachment pins and secure them firmly.

**Step 5: Connect Hydraulic Hoses** Connect the hydraulic hoses from the skid steer loader to the attachment, following the manufacturer's guidelines to prevent any potential equipment damage.

**Step 6: Test the Attachment** Prior to use, conduct a thorough test of the attachment to verify its proper functionality. Test its movements in various directions, ensuring it responds accurately to the controls of the skid steer loader.

## Key Features:

**Effortless Connectivity:** Quick disconnect couplers and two hoses (72" and 84") for swift attachment to skid steer loaders.

**Frame Durability:** Universal mounting plate and solid rectangular beam ensure exceptional durability, eliminating twisting and bending.

**Comprehensive Warranty:** Free shipping and one-year warranty on all parts ensure reliability and satisfaction.



# Skid Steer Log Splitters

## Skid Steer Comparison

Feature	SSUD20	SSUD30	SSUD30-32
Ram	20	30	30
Stroke	24"	24"	30"
Max Log Length	25"	25"	25"
Max Log Diameter	40"	40"	40"
Splitting Wedge	Single Wedge	Single Wedge, 4 way & 6 Way Mounted	Single Wedge, 4 way & 6 Way Mounted
Cylinder	4" x 24"	5" x 24"	5" x 30"
Weight	425lbs	525lbs	625lbs
Mounting	Universal, Dingo, MT	Universal	Universal
Accessories	4 Way Wedge	Sliding 4 Way(SSUD30 Model)	Sliding 4 Way(SSUD30-32 Model)





# Skid Steer Log Splitters

## Skid Steer Upside Down 20 Ton Log Splitters

SKU: SSUD20

Manufacturer: Ramsplitter Log Splitters

Style: Skid Steer Upside Down

Series: 20 Ton

Model: SSUD20



### General Specifications:

Ram Force: 20 Tons

Stroke: 24"

Cycle Time: Reliant on Skid Steer

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge

Wedge Type: Hardened Steel

Wedge Height: 8"

Beam Type: Tube Steel

Mounting Plate: Universal Mounting Plate, Dingo and MT

Product Weight: 425 lbs

Assembled Dimensions (L x W x H): 72" x 48" x 20"

Warranty: 1 Year Parts

Hydraulic System:

Hoses: Wire Hydraulic Hoses

Cylinder Dimensions: Welded 4" x 24" with 1.75" Rod

Couplers: Quick Disconnect Couplers Included

### Hydraulic System:

Hoses: Wire Hydraulic Hoses

Cylinder Dimensions: Welded 4" x 24" with 1.75" Rod

Couplers: Quick Disconnect Couplers Included





# Skid Steer Log Splitters

## Skid Steer Upside Down 16 Ton Log Splitters

SKU: SSUD16

Manufacturer: Ramsplitter Log Splitters

Style: Skid Steer Upside Down

Series: 16 Ton

Model: SSUD16

### General Specifications:

Ram Force: 16 Tons

Stroke: 18"

Cycle Time: Reliant on Skid Steer

Maximum Log Length: 20"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge

Wedge Type: Hardened Steel

Wedge Height: 7"

Beam Type: Tube Steel

Mounting Plate: Dingo

Product Weight: 325 lbs

Assembled Dimensions (L x W x H): 60" x 25" x 20"

Warranty: 1 Year Parts

### Hydraulic System:

Hoses: Wire Hydraulic Hoses

Cylinder Dimensions: Welded 3.5" x 18" with 1.25" Rod

Couplers: Quick Disconnect Couplers Included

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# Skid Steer Log Splitters

## Skid Steer Upside Down 30 Ton Log Splitters

SKU: SSUD30

Manufacturer: Ramsplitter Log Splitters

Style: Skid Steer Upside Down

Series: 30 Ton

Model: SSUD30



### General Specifications:

Ram Force: 30 Tons

Stroke: 24"

Cycle Time: Reliant on Skid Steer

Maximum Log Length: 25"

Maximum Log Diameter: N/A

Splitting Wedge: Single Wedge, Attached 4-Way and 6-Way  
Optional; Pushing 4-Way Available

Wedge Type: Hardened Steel

Wedge Height: 10"

Beam Type: Tube Steel

Mounting Plate: Universal Mounting Plate

Product Weight: 525 lbs

Assembled Dimensions (L x W x H): 72" x 48" x 20"

Warranty: 1 Year Parts

### Hydraulic System:

Hoses: Wire Hydraulic Hoses

Cylinder Dimensions: Welded 5" x 24" with 2" Rod

Couplers: Quick Disconnect Couplers Included





# Skid Steer Log Splitters

## Ramsplitter SSUD30-32 Skid Steer Upside Down 30 Ton Log Splitters

SKU: SSUD30-32

Manufacturer: Ramsplitter Log Splitters

Style: Skid Steer Upside Down

Series: 30 Ton

Model: SSUD30-32



### General Specifications:

Ram Force: 30 Tons

Stroke: 30"

Cycle Time: Reliant on Skid Steer

Maximum Log Length: 31"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Attached 4-Way and 6-Way Optional;

Pushing 4-Way Available

Wedge Type: Hardened Steel

Wedge Height: 10"

Beam Type: Tube Steel

Mounting Plate: Universal Mounting Plate

Product Weight: 625 lbs

Assembled Dimensions (L x W x H): 92" x 48" x 20"

Warranty: 1 Year Parts

### Hydraulic System:

Hoses: Wire Hydraulic Hoses

Cylinder Dimensions: Welded 5" x 30" with 2" Rod

Couplers: Quick Disconnect Couplers Included

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# Commercial Log Splitters



## Commercial Comparison chart

Feature	HD30	HDFC	HD34	H34
Ton	30	30	34	34
Cycle Time	12	8	14	14
Max Log Length	25"	25"	25"	25"
Max Log Diameter	40"	40"	40"	40"
Pump	16GPM	22GPM	22GPM	22GPM
Valve	2 Spool HD Valve	2 Spool HD Valve	2 Spool HD Valve	AUTO CYCLE WITH 2 SPOOL LOG LIFTER AND 4 WAY VALVE
Cylinder Size	5" x 24"	4" x 24"	5" x 24"	5" x 24"
Engine Options	9HP DUROMAX, 9HP HONDA,	16HP DUROMAX, 13HP HONDA,	16HP DUROMAX, 13HP HONDA,	16HP DUROMAX, 13HP HONDA,
Filter	3/4 NPT 10 MICRON 25 PSI	1 1/2" NPT 10 MICRON	1 1/2" NPT 10 MICRON	1 1/2" NPT 10 MICRON
Tank Capacity	10Gallon	17Gallon	17Gallon	17Gallon

All Commercial log splitters include a 4 way wedge, Log Lifter and Outfeed Table.

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# Commercial Log Splitters

## Ramsplitter H34 Horizontal 34 Ton Log Splitter

SKU: H34-1

Style: Horizontal 34 Ton

Series: Commercial

### General Specifications:

Ram Force: 34 Tons

Stroke: 24"

Cycle Time: 14 Seconds

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge Hydraulic Powered (4-Way and 6-Way options available)

Wedge Type: Hardened Steel

Wedge Height: 12"

Beam Type: Tube Steel

Beam Working Height: 32"

Log Lift Capacity: 500 lbs

Tongue Stand: Yes

Trailer Hitch Coupler: 2" Ball Hitch

Tires/Wheels: 12" Inches

Max Tow Speed: 65 MPH

Product Weight: 1000 lbs

Assembled Dimensions (L x W x H): 96" x 52" x 48"

Warranty: 1 Year

### Hydraulic System:

Pump: 22 GPM, Two-Stage

Valve: Auto-Return

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 15 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid

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# Commercial Log Splitters

## Ramsplitter HD30 Heavy Duty 30 Ton Log Splitter

SKU: HD30

Style: Heavy Duty

Series: 30 Ton

### General Specifications:

Ram Force: 30 Tons

Stroke: 24"

Cycle Time: 14 Seconds

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Slip-on 4-Way Wedge

Wedge Type: Hardened Steel

Wedge Height: 10"

Beam Type: Tube Steel

Beam Working Height: 32"

Log Lift Capacity: 500 lbs

Tongue Stand: Yes

Trailer Hitch Coupler: 2" Ball Hitch

Tires/Wheels: 12" Inches

Max Tow Speed: 65 MPH

Product Weight: 1000 lbs

Assembled Dimensions (L x W x H): 96" x 52" x 48"

Warranty: 1 Year Parts

### Hydraulic System:

Pump: 16 GPM, Two-Stage

Valve: 2 Spool HD Valve

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 10 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid





# Commercial Log Splitters

## Ramsplitter HD34 Heavy Duty 34 Ton Log Splitter

SKU: HD34

Manufacturer: Ramsplitter Log Splitters

Style: Heavy Duty

Series: 34 Ton

Model: HD34

### General Specifications:

Ram Force: 30 Tons

Stroke: 24"

Cycle Time: 8 Seconds

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Slip-On 4-Way Wedge

Wedge Type: Hardened Steel

Wedge Height: 10"

Beam Type: Tube Steel

Beam Working Height: 32"

Log Lift Capacity: 500 lbs

Tongue Stand: Yes

Trailer Hitch Coupler: 2" Ball Hitch

Tires/Wheels: 12" Inches

Max Tow Speed: 65 MPH

Product Weight: 1000 lbs

Assembled Dimensions (L x W x H): 96" x 52" x 48"

Warranty: 1 Year Parts

### Hydraulic System:

Pump: 22 GPM, Two-Stage

Valve: Auto-Return

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 15 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid

Cylinder Dimensions: Welded 5" x 24"





# Commercial Log Splitters

## Ramsplitter HDFC Heavy Duty Fast Cycle Log Splitter

SKU: HDFC

Manufacturer: Ramsplitter Log Splitters

Style: Heavy Duty Series: Fast Cycle

Model: HDFC

### General Specifications:

Ram Force: 30 Tons

Stroke: 24"

Cycle Time: 8 Seconds

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Slip-On 4-Way Wedge

Wedge Type: Hardened Steel

Wedge Height: 10"

Beam Type: Tube Steel

Beam Working Height: 32"

Log Lift Capacity: 500 lbs

Tongue Stand: Yes

Trailer Hitch Coupler: 2" Ball Hitch

Tires/Wheels: 12" Inches

Max Tow Speed: 65 MPH

Product Weight: 1000 lbs

Assembled Dimensions (L x W x H): 96" x 52" x 48"

Warranty: 1 Year Parts

### Hydraulic System:

Pump: 22 GPM, Two-Stage

Valve: Auto-Return

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 15 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid

Cylinder Dimensions: Welded 4" x 24"





# Residential Log Splitters

## Ramsplitter 16 Ton Residential Log Splitter

SKU: H16/HV16

Manufacturer: Ramsplitter Log Splitters

Style: Residential Horizontal-Horizontal/Vertical

Series: 16 Ton Electric

Model: H16-4/HV16-4

### General Specifications:

RRam Force: 16 Tons

Stroke: 18"

Cycle Time: 12 Seconds

Maximum Log Length: 20"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Slip-on 4-Way Wedge

Wedge Type: Hardened Steel

Wedge Height: 7"

Beam Type: Tube Steel

Beam Working Height: 24"

Tongue Stand: Yes

Trailer Hitch Coupler: Garden Tractor Pin Hitch

Tires/Wheels: 13" Pneumatic

Max Tow Speed: 35 MPH

Product Weight: 350 lbs

Assembled Dimensions (L x W x H): 60" x 32" x 40"

Warranty: 1 Year Parts

### Hydraulic System:

Pump: 11 GPM, Two-Stage

Valve: Log Splitter Detent Valve

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 4 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid

Cylinder Dimensions: Welded 3.5" x 18" with 1.25" Rod

### Motor Specification:

Engine Type: Electric

Displacement: 1800 RPM

Engine Power: 1.5 HP

Starting System: Electric Start

Warranty: 3 Year Limited Warranty



# Residential Log Splitters

## Ramsplitter 20 Ton Residential Log Splitter

SKU: H20/HV20

Manufacturer: Ramsplitter Log Splitters

Style: Residential Horizontal-Horizontal/Vertical

Series: 20 Ton Electric

Model: H20-4/HV20-4

### General Specifications:

Ram Force: 20 Tons

Stroke: 24"

Cycle Time: 16 Seconds

Maximum Log Length: 25"

Maximum Log Diameter: 40"

Splitting Wedge: Single Wedge, Slip-on 4-Way Wedge

Wedge Type: Hardened Steel

Wedge Height: 8"

Beam Type: Tube Steel

Beam Working Height: 32"

Tongue Stand: Yes

Trailer Hitch Coupler: 2" Coupler

Tires/Wheels: 480 x 8" Tires

Max Tow Speed: 45 MPH

Product Weight: 450 lbs

Assembled Dimensions (L x W x H): 72" x 40" x 48"

Warranty: 1 Year Parts

### Motor Specification:

Engine Type: Electric

Displacement: 1800 RPM

Engine Power: 2 HP

Starting System: Electric Start

Warranty: 3 Year Limited Warranty

### Hydraulic System:

Pump: 16 GPM, Two-Stage

Valve: Log Splitter Detent Valve

Hoses: Wire Hydraulic Hoses

Hydraulic Fluid Tank Capacity: 8 Gallons

Hydraulic Fluid Type: 32 Weight/Automatic Transmission Fluid

Cylinder Dimensions: Welded 4" x 24" with 2.5" Rod

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# 3 Point Log Splitters

## 3 Point Comparison Chart

Feature	16 Ton	20 Ton	30 Ton
Tons	16	20	30
Stroke	18"	24"	24"
Max Log Length	20"	25"	25"
Max Log Diameter	40"	40"	40"
Models	Horizontal & Horizontal/Vertical	Horizontal & Horizontal/Vertical	Horizontal & Horizontal/Vertical
Hitch	Cat1 (Cat 2 Optional)	Cat1 (Cat 2 Optional)	Cat1 (Cat 2 Optional)
Weight	325lbs	425lbs	525lbs

### Key Features:

**1-Year Manufacturer's Warranty:** All our 3-point tractor-mounted log splitters come with a 1-year warranty, giving you peace of mind with every purchase.

**Five Color Choices:** Choose the color that best fits your equipment and style. We offer five attractive color options to match your tractor and personal preference.

### Available Accessories:

**Cradles:** Keep your logs secure and easy to manage with our optional log cradle.

**4-Way Wedge:** Split logs into smaller pieces quickly and efficiently with the optional 4-way wedge accessory.

### PTO Pump Add-On:

Upgrade your splitter with our PTO pump kit. This add-on includes a PTO tank, PTO pump, and all the necessary parts and hardware for a complete setup. With the PTO pump, you'll have more power at your fingertips for those big jobs.

### Optional 32" Opening Upgrade:

For even more versatility, you can opt for the 32" opening upgrade, allowing you to handle larger logs with ease.

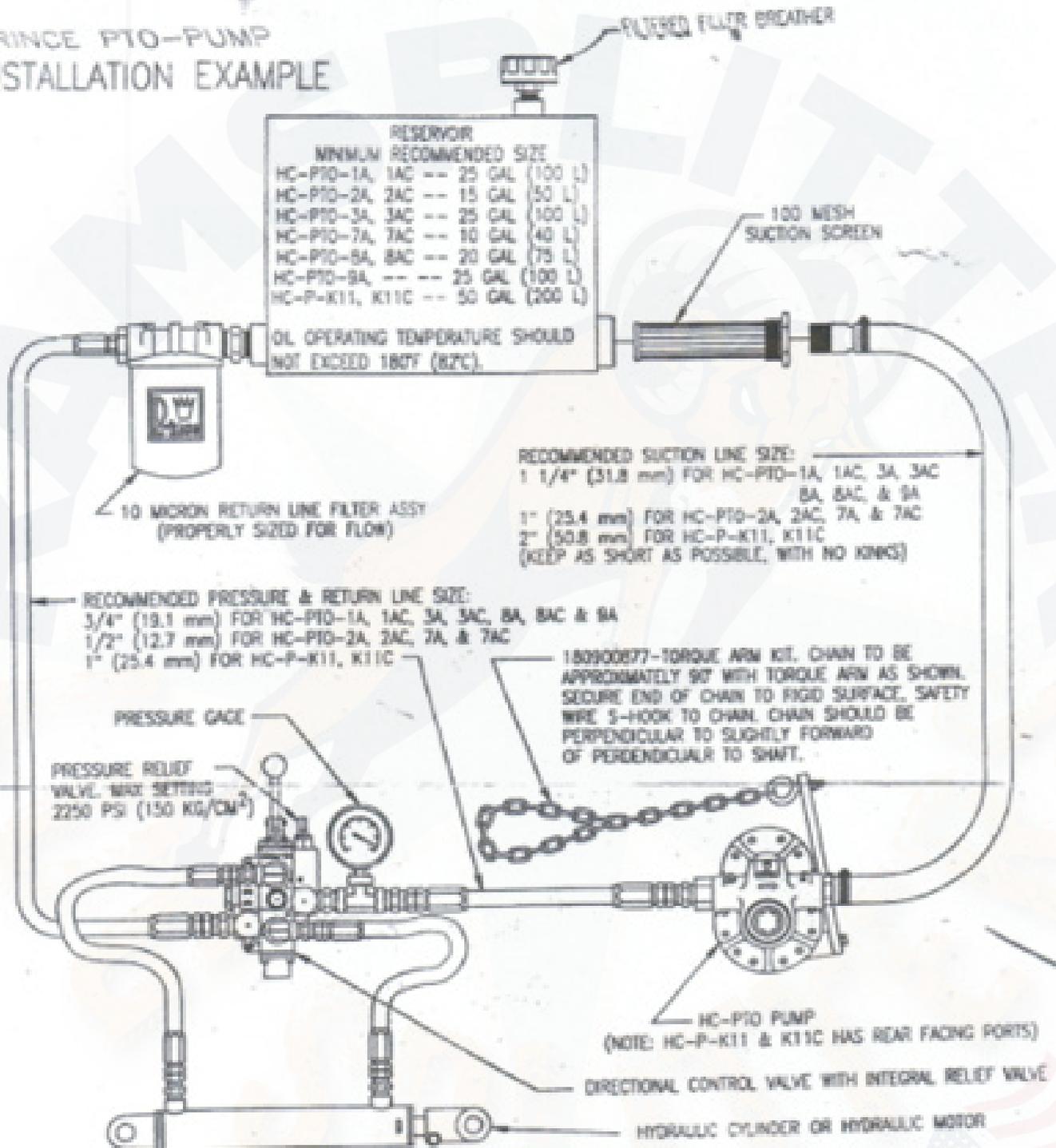


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# 3 Point Log Splitters

## PRINCE PTO-PUMP INSTALLATION EXAMPLE



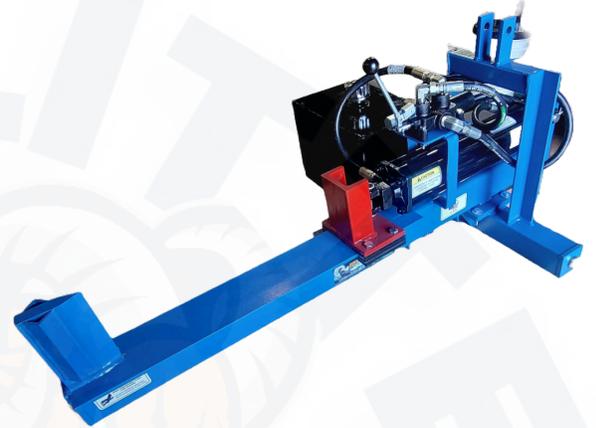
PUMP MODEL	DESIGN RPM	MAXIMUM RPM	FLOW AT DESIGN RPM*	INPUT POWER AT DESIGN RPM*	REQUIRED SHAFT TYPE
HC-PTO-1A, 1AC	540	600	21.0 gpm (79.5 l/min)	32.1 HP (23.8 kW)	1 3/8" (34.9 mm), 6 TOOTH
HC-PTO-2A, 2AC	540	600	11.4 gpm (43.1 l/min)	18.1 HP (13.3 kW)	1 3/8" (34.9 mm), 6 TOOTH
HC-PTO-3A, 3AC	1000	1100	22.4 gpm (84.8 l/min)	34.3 HP (25.6 kW)	1 3/8" (34.9 mm), 21 TOOTH
HC-PTO-7A, 7AC	540	600	7.1 gpm (26.9 l/min)	11.9 HP (8.9 kW)	1 3/8" (34.9 mm), 6 TOOTH
HC-PTO-8A, 8AC	1000	1100	13.5 gpm (51.1 l/min)	22.8 HP (16.7 kW)	1 3/8" (34.9 mm), 21 TOOTH
HC-PTO-9A	540	600	17.1 gpm (64.7 l/min)	27.4 HP (20.4 kW)	1 3/8" (34.9 mm), 6 TOOTH
HC-P-K11, K11C	1000	1100	40.0 gpm (151 l/min)	64.8 HP (48.3 kW)	1 3/8" (34.9 mm), 21 TOOTH

MADE IN  
USA



# 3 Point Log Splitters

## Ramsplitter 3PT16 3 Point Tractor Mounted 16 Ton Log Splitter



SKU: 3PT16

Manufacturer: Ramsplitter Log Splitters

Style: 3 Point Mounted

Series: 16 Ton Horizontal

Model: 3PT16

### General Specifications:

- Ram Force: 16 Tons
- Stroke: 18"
- Cycle Time: Reliant on 3 Point Tractor
- Maximum Log Length: 20"
- Maximum Log Diameter: 40"
- Splitting Wedge: Single Wedge, Slip-On 4-Way Available
- Wedge Type: Hardened Steel
- Wedge Height: 7"
- Beam Type: Tube Steel
- Hitch Style: Cat 1 / 2
- Product Weight: 325 lbs
- Assembled Dimensions (L x W x H): 60" x 36" x 24"
- Warranty: 1 Year Parts

### Hydraulic System:

- Hoses: Wire Hydraulic Hoses
- Valve: Single Spool Cylinder Mounted Valve
- Cylinder Dimensions: Welded 3.5" x 18" with 1.25" Rod
- Hitch Pins: Cat 1 / 2

MADE IN  
USA



# 3 Point Log Splitters

## Ramsplitter 3PT20 3 Point Tractor Mounted 20 Ton Log Splitter

SKU: 3PT20

Manufacturer: Ramsplitter Log Splitters

Style: 3 Point Mounted

Model: 3PT20

### General Specifications:

- Ram Force: 20 Tons
- Stroke: 24"
- Cycle Time: Reliant on 3 Point Tractor
- Maximum Log Length: 25"
- Maximum Log Diameter: 40"
- Splitting Wedge: Single Wedge, Slip-On 4-Way Available
- Wedge Type: Hardened Steel
- Wedge Height: 8"
- Beam Type: Tube Steel
- Hitch Style: Cat 1 / 2
- Product Weight: 425 lbs
- Assembled Dimensions (L x W x H): 60" x 36" x 24"
- Warranty: 1 Year Parts



### Hydraulic System:

- Hoses: Wire Hydraulic Hoses
- Cylinder Dimensions: Welded 4" x 24" with 1.75" Rod
- Hitch Pins: Cat 1 / 2





# 3 Point Log Splitters

## Ramsplitter 3PT30 3 Point Tractor Mounted 30 Ton Log Splitter



SKU: 3PT30

Manufacturer: Ramsplitter Log Splitters

Style: 3 Point Mounted

Model: 3PT30

### General Specifications:

- Ram Force: 30 Tons
- Stroke: 24"
- Cycle Time: Reliant on 3 Point Tractor
- Maximum Log Length: 25"
- Maximum Log Diameter: 40"
- Splitting Wedge: Single Wedge, Slip-On 4-Way Available
- Wedge Type: Hardened Steel
- Wedge Height: 8"
- Beam Type: Tube Steel
- Hitch Style: Cat 1 / 2
- Product Weight: 525 lbs
- Assembled Dimensions (L x W x H): 60" x 36" x 24"
- Warranty: 1 Year Parts

### Hydraulic System:

- Hoses: Wire Hydraulic Hoses
- Cylinder Dimensions: Welded 5" x 24" with 2" Rod
- Hitch Pins: Cat 1 / 2





# Maintenance

**Regular Inspection:** Before each use, inspect your log splitter for any signs of wear or damage. Check all bolts, nuts, and screws to ensure they are tight.

**Cleanliness:** Keep your log splitter clean and free of debris. Wipe down the machine after each use to prevent buildup of sap, dirt, and other materials.

**Lubrication:** Regularly lubricate all moving parts as specified in the manual to ensure smooth operation and prevent rust.

## Skid Steer Log Splitters

**Hydraulic System:** Check the hydraulic fluid level before each use and top up if necessary. Replace the hydraulic fluid and filter according to the manufacturer's recommendations.

**Hoses and Fittings:** Inspect hydraulic hoses and fittings for leaks or damage. Replace any worn or damaged components immediately.

**Blades and Wedges:** Sharpen or replace the splitting blades and wedges as needed to maintain optimal performance.

## 3-Point Log Splitters

**PTO Shaft:** Ensure the PTO (Power Take-Off) shaft is properly connected and lubricated. Check for any signs of wear or damage.

**Hydraulic Connections:** Inspect hydraulic connections for leaks and ensure they are securely fastened.

**Frame and Components:** Regularly check the frame and other structural components for any signs of stress or damage.

## Commercial and Residential Log Splitters

**Engine Maintenance:** Follow the engine manufacturer's maintenance schedule for oil changes, air filter replacement, and spark plug inspection.

**Hydraulic System:** Similar to skid steer log splitters, check and maintain the hydraulic fluid and filter.

**Safety Features:** Regularly test safety features such as emergency stop buttons and guards to ensure they are functioning correctly.

## Seasonal Maintenance

**Winter Storage:** If storing your log splitter for an extended period, drain the fuel (for gas-powered models), clean the machine thoroughly, and store it in a dry, covered location.

**Spring Preparation:** Before the start of the season, perform a thorough inspection and maintenance check to ensure your log splitter is ready for use.

By following these maintenance guidelines, you can extend the life of your Ramsplitter Log Splitter and ensure it operates safely and efficiently. If you have any questions or need further assistance, please contact our support team

# Maintenance

Task	Before Each Use	Monthly	Yearly	Every 2+ Years	Notes
General Inspection	✓	✓	✓	✓	Check for loose bolts, nuts, and structural wear.
Clean Machine	✓	✓	✓	✓	Wipe down surfaces to remove sap, dirt, and debris.
Lubricate Moving Parts	✓	✓	✓	✓	Apply grease/oil to prevent rust and ensure smooth operation.
Check Hydraulic Fluid Level	✓	✓	✓	✓	Top off if needed. Use recommended fluid.
Replace Hydraulic Fluid & Filter			✓	✓	Change per manufacturer's recommendation.
Inspect Hydraulic Hoses & Fittings	✓	✓	✓	✓	Look for leaks, cracks, or damage.
Sharpen/Replace Blades & Wedges	✓	✓	✓	✓	Maintain sharp edges for efficiency.
Check PTO Shaft (3 Point Models)	✓	✓	✓	✓	Ensure proper lubrication and secure connections.
Inspect Hydraulic Connections	✓	✓	✓	✓	Check for leaks and tightness.
Frame & Component Inspection	✓	✓	✓	✓	Look for stress cracks or weak points.
Engine Oil Change (Gas Models)		✓	✓	✓	Follow engine manufacturer guidelines.
Replace Air Filter (Gas Models)		✓	✓	✓	Clean or replace if clogged.
Inspect Spark Plugs (Gas Models)		✓	✓	✓	Replace if necessary.
Check Tire Pressure (Portable Models)	✓	✓	✓	✓	Inflate to proper PSI. Inspect for wear.
Test Safety Features	✓	✓	✓	✓	Check emergency stop buttons and guards.
Winter Storage Prep			✓		Drain fuel, clean, and store in dry space.
Spring Readiness Check			✓		Perform thorough start-up inspection.
Deep Clean & Rust Prevention			✓	✓	Sand & repaint rust spots if needed.
Replace Hydraulic Hoses (if Needed)			✓	✓	Recommended every 2+ years if wear is visible.



## Refund Policy

At Ramsplitter Log Splitters, customer satisfaction is our priority. We offer refunds under the following conditions:  
**Cancellation Before Shipment:** Orders canceled before shipment will receive a full refund.

**Defective or Damaged on Arrival:** If your log splitter arrives defective or damaged, please contact us within 5 business days of delivery. If there is visible damage to the unit, we require you to refuse shipment from the freight or parcel company and contact us immediately.

**Refund Processing:** Once we receive the returned product and inspect it, we will issue a refund, which will be processed using the same payment method.

*Note: Shipping costs are non-refundable unless the return is due to our error.*

## Return Policy

We accept returns under the following conditions:

**Unused Equipment:** Unused log splitters may be returned within 14 days of delivery. A 15% restocking fee applies.

**Return Authorization Required:** Contact [warranties@ramsplitter.com](mailto:warranties@ramsplitter.com) or call 815-398-4726 for a Return Authorization (RA) number before shipping any returns.

**Return Shipping:** Customers are responsible for return shipping costs unless the return is due to an error on our part.

**Condition Requirements:** The log splitter must be returned in its original packaging and in unused condition.

**Damaged Shipments:** If your product arrives damaged, we require you to refuse shipment from the freight or parcel company and contact us immediately.

*Note: Custom-built and modified equipment are non-returnable.*



## Repair Policy

We stand by the quality of our log splitters and offer the following repair services:

**Warranty Repairs:** All Ramsplitter Log Splitters come with a manufacturer's warranty. If your unit has a defect covered under warranty, repairs will be provided at no cost.

**Non-Warranty Repairs:** If the repair is not covered under warranty, we offer repair services at our facility or can recommend a certified repair center.

**Customer-Performed Repairs:** Repairs done by the customer must be approved by Ramsplitter in order to receive a credit.

**Replacement Parts:** Customers can purchase replacement parts directly from us. Contact [warranties@ramsplitter.com](mailto:warranties@ramsplitter.com) for parts inquiries.

**Parts Not Manufactured by Ramsplitter:** Components such as engines, cylinders, valves, filters, and pumps are subject to their respective manufacturer's warranty and must be handled through the original manufacturer.

**Repair Turnaround Time:** Repairs are typically completed within 7-14 business days, depending on parts availability.

*Visit [www.ramsplitter.com/support](http://www.ramsplitter.com/support) for more information on Warranty information and to register your product*



