

3 POINT MOUNTED & SKID STEER



OPERATION MANUAL





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.



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SAFETY INSTRUCTIONS

Before Operating:

- Ensure thorough understanding of operating and safety instructions.
- Keep work area clean to prevent tripping hazards.
- Avoid wearing loose clothing or jewelry that may get caught in moving parts.
- Check hose and fitting connections to ensure a tight fit.
- Always wear eye protection and appropriate clothing, including safety shoes.

During Operation:

- Keep hands and feet clear of splitter blade and operating area.
- Only use the splitter to split firewood logs; other uses may void warranty.
- Keep children and pets away from the work area during operation.
- Operate the log splitter on a level surface to prevent unintended movement.
- Release control lever after use will stop the movement of the cylinder. Pull handle into reverse ram will automatically retract.

Remove hands from log before activating control lever.

Emergency Procedures

- Know the location and use of emergency shut-off controls.
- In case of an emergency, shut down the log splitter immediately and disconnect from the power source.

Note: follow all safety stickers include on your log splitter.

SAFETY INSTRUCTIONS CONTINUED

General Operating Guidelines:

- Do not allow anyone under 18 to operate the splitter.
- Do not operate near children or pets.
- Do not operate with loose clothing or jewelry.
- Do not operate ram control in any way other than by hand.
- Do not leave tractor/skid steer running unattended.
- Do not exceed manufacturer's guidelines for operation.
- Do not step over the log splitter while running.
- Do not straddle the log splitter during operation.
- Do not allow anyone near cutting wedge during use.
- Do not operate on slippery surfaces.
- Do not operate in enclosed spaces without proper ventilation.
- Do not run near open flame.
- Do not operate with hydraulic leaks; inspect hoses before use.
- Do not use chemical cleaners or high-pressure washers for cleaning.

Maintenance and Modifications:

- Do keep the log splitter in sound mechanical condition.
- Do not make modifications to the original configuration.
- Do follow maintenance instructions provided in the manual.
- Do not allow anyone except the operator within 10 feet during operation.

GENERAL LOG SPLITTER COMPONENTS

- **Hydraulic Cylinder:** Powers the splitting action. Examples of specifications include: 16-ton splitter: 3.5" x 18" , 20-ton splitter: 4" x 24" , 30-ton splitter: 5" x 24" and 30-ton splitter with 32" opening: 5" x 30"
- **Splitting Wedge/Pushplate:** The blade or plate that splits the log.(16 Ton: 2 Hole, 20 Ton: 3 Hole and 30 Ton: 5 Hole) SSUD20, SSUD30, SSUD30-32, and Horizontal/Vertical Units: Sliding wedge. Horizontal, SSUD30-4, SSUD30-6, SSUD30-32-4, and SSUD30-32-6: Push plate
- **Control Valve: Control Valve:** Operates the hydraulic flow. All 3-point models use a single spool detent log splitter valve that retracts to the starting position after use.
- **Mounting Plate:** Attaches the splitter to the skid steer (for skid steer models). Available options include Universal, Dingo, and MT plates.
- **Hydraulic Hoses:** Connect the splitter to the tractor's or skid steer's hydraulic system.
- **Frame:** The frames have a rectangular tube beam structure with the following specifications: 16 Ton: 4" x 2" Beam, 20 Ton: 5" x 2" Beam and 30 Ton: 6" x 3" Beam

Operating Instructions

Preparation

For 3-Point Models:

- Attach the splitter to the tractor's three-point hitch.
- Connect the hydraulic hoses to the tractor's hydraulic system

Steps to Connect PTO (optional):

1. **Attach the PTO Pump:** Connect the PTO pump to the tractor's PTO shaft. Ensure it is securely fastened and aligned properly.
2. **Secure the Safety Chain:** Attach the safety chain from the PTO pump to the tractor to prevent the pump from rotating or moving during operation.
3. **Check Hydraulic Fluid Levels:** The hydraulic tank, already attached to the log splitter frame, has a 7-gallon capacity. Fill the tank with 32-weight hydraulic oil up to 1" from the top.
4. **Verify Rotation:** Ensure that the PTO pump and your PTO shaft are spinning in the same direction.



Operating Instructions

Preparation

- **For Skid Steer Models:**
 - Secure the splitter to the skid steer's mounting plate.
 - **Attach Hydraulic Hoses with Quick Disconnect Couplers:** Connect the hydraulic hoses from the skid steer to the log splitter using quick disconnect couplers. Ensure they are securely attached to prevent leaks and allow for easy detachment when needed.
- **Operation**
 1. Position the log on the splitter, ensuring it is securely placed.
 2. Operate the control valve or lever to initiate the splitting action.
 3. Once the log is split, retract the wedge and prepare for the next log.
 4. Repeat until the desired amount of logs are split.

Maintenance

Regular Maintenance

- **Daily Checks:**
 - Inspect hydraulic hoses and fittings for leaks.
 - Check the splitting wedge for sharpness.
 - Ensure all bolts are tight.
- **Weekly Maintenance:**
 - Clean the splitter of any debris.
 - Lubricate moving parts.
 - Check hydraulic fluid levels.
- **Monthly Maintenance:**
 - Inspect hydraulic fluid quality.
 - Check the alignment of the splitting wedge.
 - Ensure all safety decals are visible and legible.

Storage

- Store the log splitter in a dry, sheltered area.
- Disconnect hydraulic hoses and clean the splitter thoroughly.
- Cover the splitter to protect it from dust and moisture.

Maintenance log

Date	Maintenance Task	Comments/Notes
	Daily Checks	
	Weekly Maintenance	
	Monthly Maintenance	
	Hydraulic Fluid Level Checked	
	Hydraulic Hoses Inspected	
	Splitting Wedge Inspected	
	Bolts Tightened	
	Safety Decals Checked	

Date	Maintenance Task	Comments/Notes
	Daily Checks	
	Weekly Maintenance	
	Monthly Maintenance	
	Hydraulic Fluid Level Checked	
	Hydraulic Hoses Inspected	
	Splitting Wedge Inspected	
	Bolts Tightened	
	Safety Decals Checked	



WARRANTIES AND RETURNS

RETURN POLICY:

We want you to be completely satisfied with your purchase. If you're not satisfied with your log splitter for any reason, you can return it within two weeks of the date you received your log splitter for a full refund.

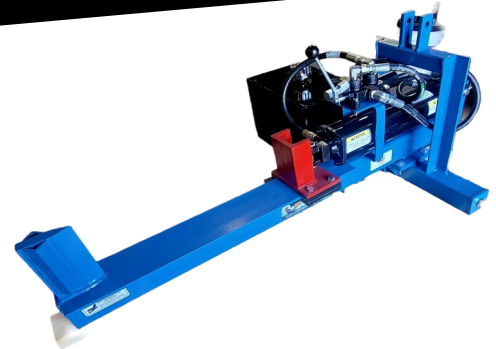
To initiate a return, please contact our customer service team at Customersupport@Ramsplitter.com to obtain a return authorization number. We will provide you with instructions on how to package and ship the log splitter back to us. Please note that the buyer is responsible for the cost of return shipping.

To be eligible for a refund, the log splitter must be returned in its original condition and packaging, with all accessories and manuals included. Once we receive your returned item, we will inspect it to ensure it meets these criteria. If it does, we will issue a full refund to the original payment method within 7-10 Business days.

Please note that our return policy applies only to purchases made directly from us. If you purchased your log splitter from a third-party retailer, you must follow their return policy. If your log splitter arrives damaged or defective, please contact us immediately. We will work with you to resolve the issue as quickly as possible.



3 Point Mounted Log splitters



Key Features:

- Effortless Connectivity: Category 1 Pins and two hoses (60" for Horizontal and 96" for Horizontal/Vertical) for swift attachment to 3 Point Tractor.
- Frame Durability: Universal mounting plate and solid rectangular beam ensure exceptional durability, eliminating twisting and bending.
- 5 Color Options (Case Red, Kabota Orange, Safety Blue, John Deere Green and Black).
- 32" Opening and PTO Options on all Models

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

16 Ton

3PT16- 3 Point Mounted 16 Ton Log Splitters

3PT16H

- Cylinder: 3.5" x 18"
- Wedge Height: 7"

3PT16HV

- Shipping Weight and Dimensions : 325lbs and 72" X 32" X 24"

3PT120 3 Point Mounted 20 Ton Log Splitters

20 Ton

3PT20H

- Cylinder: 4" x 24"
- Wedge Height: 8"

3PT20HV

- Shipping Weight and Dimensions : 325lbs and 72" X 32" X 24"

3PT130 3 Point Mounted 30 Ton Log Splitters

30 Ton

3PT30H

- Cylinder: 5" x 24"
- Wedge Height: 8"

3PT30HV

- Shipping Weight and Dimensions : 325lbs and 72" X 32" X 24"



One Year Warranty on all parts

Skid steer Upside Down Log splitters



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.

20 Ton

SSUD20—SKID STEER UPSIDE DOWN 20 TON LOG SPLITTERS

SSUD20

SSUD20-DINGO

SSUD20-MT

Specifications:

- Cylinder: 4" x 24"
- Wedge Height: 8"
- Shipping Weight and Dimensions : 425lbs and 72" X 48" X 20"
- Universal, Dingo and MT Mounting plate options

30 Ton

SSUD30—SKID STEER UPSIDE DOWN 30 TON LOG SPLITTERS

SSUD30

SSUD30-4

SSUD30-6

Specifications:

- Cylinder: 5" x 24"
- Log Length: 25"
- Shipping Weight and Dimensions : 525lbs and 72" X 48" X 20"
- 10" wedge assembly, 12" 4way attached or 12" 6way attached wedge options

30 Ton With 32" Opening

SSUD30-32

SSUD30-32-4

SSUD30-32-6

SSUD30-32 - SKID STEER UPSIDE DOWN 30 TON LOG SPLITTERS WITH 32" OPENING

Specifications:

- Cylinder: 5" x 30"
- Log Length: 31"
- Shipping Weight and Dimensions : 625lbs and 92" X 48" X 20"
- 10" wedge assembly, 12" 4way attached or 12" 6way attached wedge options

Serial Number :
Model Number :
Date Of Purchase: