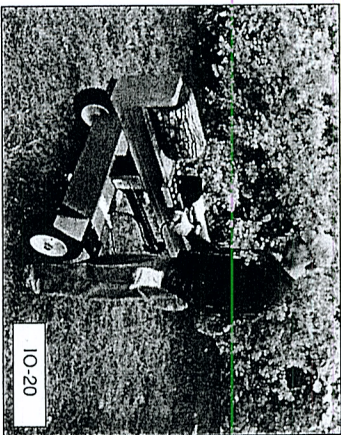


## ⚠ WARNING



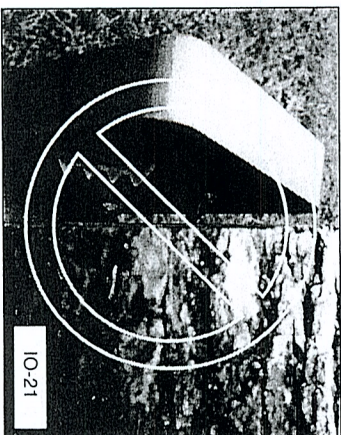
Do not attempt to operate the log splitter without fully understanding all our instructions, safety precautions, and/or warnings. If any doubt or question arises about the correct or safe method of performing anything found in this or other Iron & Oak Products' manuals, contact your Iron & Oak Products' dealer or call the Sales and Service representatives at our main headquarters. Proper care is your responsibility.

When operating the log splitter, make sure you are standing in the **safe operating area**, as shown in these pictures. You must stay in the **safe operating area** at all times when the splitting wedge is in motion (whether extending or retracting). Never place any part of your body into a position that causes an unsafe operating condition.



IO-20

1. Set your log splitter on flat, dry ground. Make sure you read all the recommendations from the "Safety" section before using the log splitter.

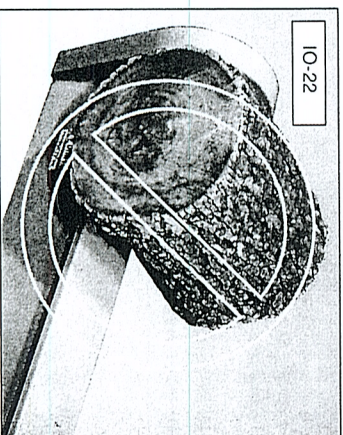


IO-21

2. Make sure both ends of the log you are splitting are cut as square as possible. This will prevent the log from sliding out of position while under pressure. All logs should be 24 inches long or shorter.

## ⚠ WARNING

Never attempt to split wood across the grain. The log splitter was not designed for cross-grain splitting. Doing so will damage the log splitter and may cause personal injury.



IO-22

This is not the entire Owner's Manual.

Available Upon Request.



3. Start the engine using the instructions from the engine manual. If the log splitter has not been running (cold engine), warm up the engine and hydraulic system by running the engine at half throttle for 3 to 4 minutes, then advance the engine throttle control to maximum speed.

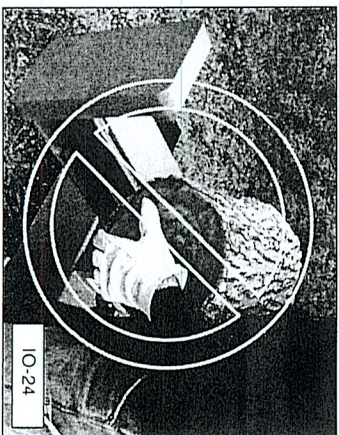
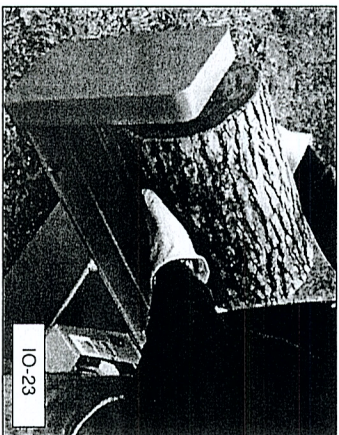
Operation – Horizontal Position

**▲ WARNING**



Before loading and operating the log splitter, always wear protective gear, such as safety goggles, face shield, hearing protection, tight-fitting gloves without draw strings or loose cuffs, and steel-toed shoes.

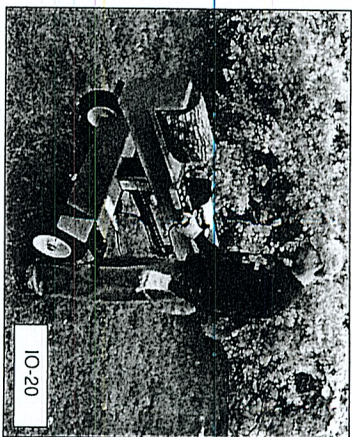
4. Use the following photos for the correct and incorrect methods of splitting logs. Never split a log using an incorrect or unsafe method.
  - a. Place the log on the log splitter. Grasp the log on the sides near the middle of the block. Center the log, side-to-side, on the rail of the log splitter, making sure that the sawed end is against the large plate (base plate) at the opposite end of the hydraulic control valve control lever.



**▲ CAUTION**

Do not place your hands on the ends of the log when loading the log splitter. This is a very UNSAFE method and could result in injury to your hands.

- b. Only using your hand, push the control lever forward (towards the log). If the log moves, before it is contacted by the splitting wedge, release the control lever and then reposition the log. Operate the log splitter only when standing in the safe operating area, shown in the picture.

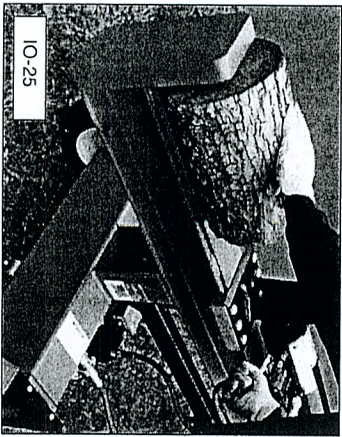


**▲ CAUTION**

Make sure you stand clear from the engine's exhaust. Hot exhaust is intense and can cause serious injury.

**▲ CAUTION**

If you find you must hold the log until the wedge touches it and holds it in place, be very careful not to put your hand between the log and the end plate or the log and the wedge. If you must, hold the log on top and in the middle. Remove your hand immediately when the splitting wedge engages the log. Never use your hip or any extension device to operate the valve control handle.

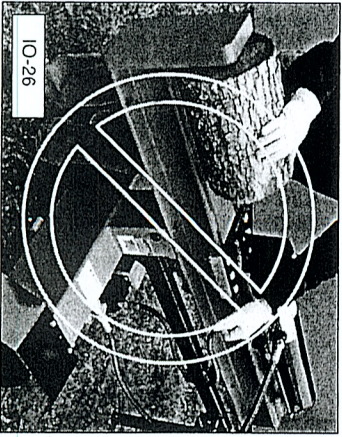


**▲ WARNING**

Do not operate the log splitter by reaching across the rail. This is a very UNSAFE method which could cause personal injury or even death.

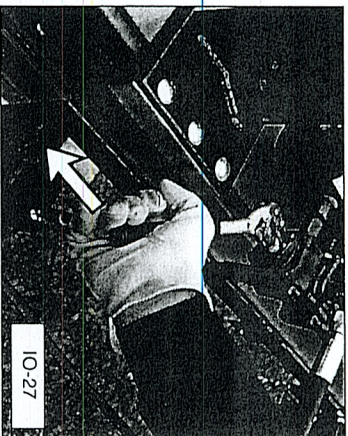
**▲ WARNING**

Do not reach or step across the rail while the log splitter is running. This is a very UNSAFE method which could cause personal injury or even death.

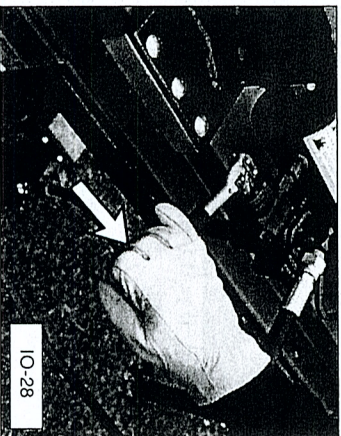




c. Hold the control lever, extending the splitting wedge, until the log is split or the cylinder rod stops at its maximum travel position. Stop the log splitter (forward movement), at any point in the splitting process, if you feel an unsafe log splitting condition is occurring. As the log is being split, DO NOT reach forward and attempt to catch the split wood — let it fall to the ground.



d. Once the wedge reaches its full forward travel, pull back on the control lever to the full retract position. The ram of the cylinder will automatically retract into the cylinder. It is not necessary to hold the control lever as the cylinder retracts. Stop the wedge if the log sticks (see caution below). When the cylinder is fully retracted, the control valve will automatically shift to a neutral position.



e. DO NOT load another log or remove split pieces until the wedge has completely stopped and the control handle automatically returns to the neutral position.

**CAUTION**



Depending on the type of wood being split, a log may not always break into two pieces and fall to the ground. If a log sticks to the wedge, place the valve handle in the neutral position (stop the wedge from retracting) and carefully remove the log from the wedge. Allowing the log to remain attached to the wedge when it is fully retracted could lead to possible injury and/or damage to the log splitter.

Operation — Vertical Position

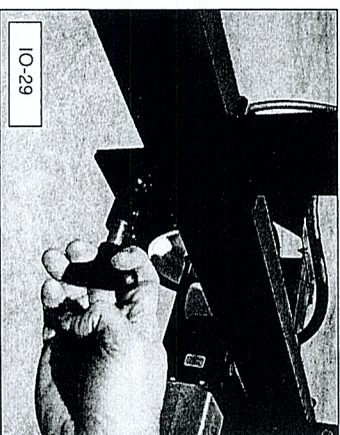
**WARNING**

Before loading and operating the log splitter, always wear protective gear, such as safety goggles, face shield, hearing protection, tight-fitting gloves without draw strings or loose cuffs, and steel-toed shoes.

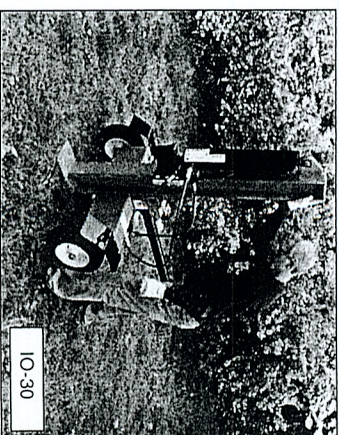


5. Use the following photos for the correct and incorrect methods of splitting logs. Never split a log using an incorrect or unsafe method.

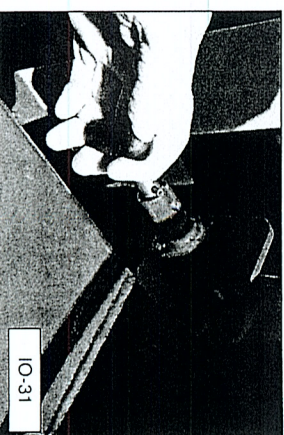
a. To operate the log splitter in a vertical position, pull the spring-loaded locking lever and twist the locking lever either direction to lock it in the "unlocked" position.



b. Block the wheels and stand the rail assembly up into a vertical position.




c. Turn the spring-loaded locking lever knob until the pin slides into the slot. This allows the plunger to snap into place, securing the rail assembly in a vertical position.

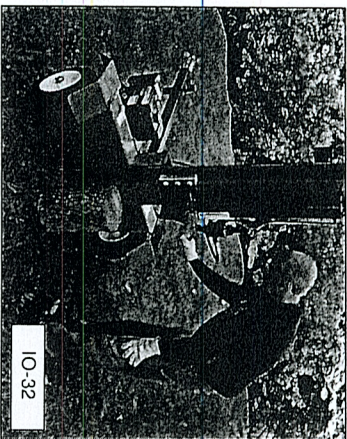




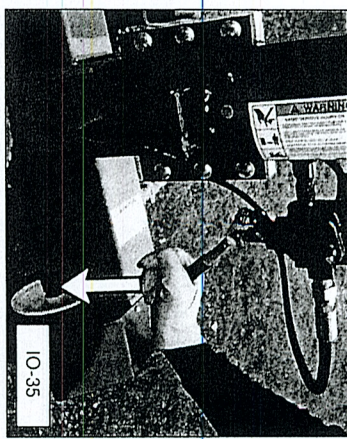
- d. Move the log under the splitting wedge keeping your hands on the sides of the log near the middle of the block. Center the log making sure that the sawed end is sitting on the large plate (base plate).

**CAUTION**


 Make sure you stand clear from the engine's exhaust. Hot exhaust is intense and can cause serious injury.

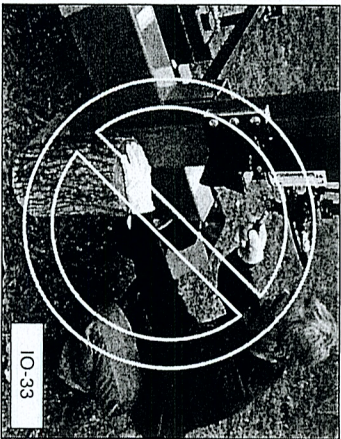


- f. Hold the control lever, extending the splitting wedge, until the log is split or the cylinder rod stops at its maximum travel position. Stop the log splitter (forward movement), at any point in the splitting process, if you feel an unsafe log splitting condition is occurring. As the log is being split, DO NOT reach forward and attempt to catch the split wood — let it fall to the ground.

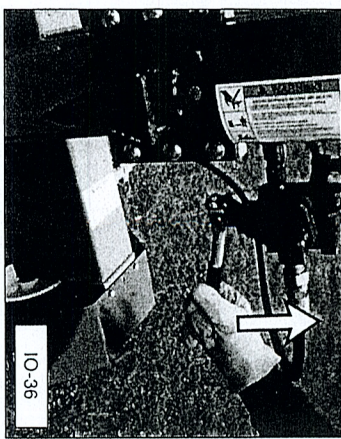


**CAUTION**


 Do not place your hands on top of the log when loading the log splitter. This is a very UNSAFE method and could result in injury to your hands.

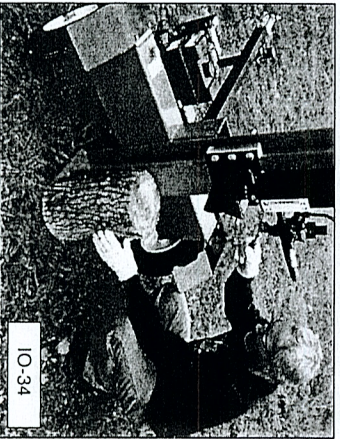


- g. Once the wedge reaches its full forward travel, pull back on the control lever to the full retract position. The ram of the cylinder will automatically retract into the cylinder. It is not necessary to hold the control lever as the cylinder retracts. Stop the wedge if the log sticks (see caution below). When the cylinder is fully retracted, the control valve will automatically shift to a neutral position.




**CAUTION**

 If you find you must hold the log until the wedge touches it and holds it in place, be very careful not to put your hand on top of the log. If you must, hold the log in the middle of the block. Remove your hand immediately when the wedge engages the log. Never use your hip or any extension device to operate the valve control handle.



- h. DO NOT load another log or remove split pieces until the wedge has completely stopped and the control handle automatically returns to the neutral position.

**CAUTION**

 Depending on the type of wood being split, a log may not always break into two pieces and fall to the ground. If a log sticks to the wedge, place the valve handle in the neutral position (stop the wedge from retracting) and carefully remove the log from the wedge. Allowing the log to remain attached to the wedge when it is fully retracted could lead to possible injury and/or damage to the log splitter.



- e. Only using your hand, push the control lever down (towards the log). If the log moves, before it is contacted by the splitting wedge, release the control lever and then reposition the log. Operate the log splitter only when standing in the safe operating area, as shown in the picture.

