

**ELECTRO-HYDRAULIC CHAIN CUTTER
EH-1000**

INSTALLATION, OPERATION, AND MAINTENANCE INSTRUCTIONS

1. Carefully remove cutter from carton making certain to maintain it in the upright position.
2. Position the cutter on the display shelf. This cutter is freestanding and self-containing. There are two 3/8-16 threaded holes in the bottom of the cutter box for securing to a flat surface.
3. Remove the poly bag, which contains a breather fitting and two keys.
4. The breather fitting must be installed into the cutter in place of the plug in the front of the cutter.

The breather fitting absolutely must be installed prior to any operation of the cutter. Permanent extensive damage will result if cutter is operated without the breather installed. (Save the plug for use in shipping the cutter in the future.)

5. The two keys are identical & fit the switch lock, which operates the cutter. Keep them in a secure place for use by your trained employees. **Customers should not be allowed to operate the cutter.**
6. The cutter operates on 110 Volt, 60 Cycle AC electrical power, and is equipped with a 7-foot power cord with a three-prong plug for safe operation. **Keep the cutter dry at all times to avoid dangerous electrical shock.**
7. Carefully read the safety and operating instructions on the labels affixed to the front face of the cutter before operating it. **SEE LAST PAGE.**
8. **CAUTION Do not attempt to cut hardened steel objects on this cutter as you could be injured by shattered metal. In addition, the cutter blades are specially designed for cutting chain and cable, they could be damaged and have to be replaced. Cut only the chain and cable products up to the limitations shown on the label.**

CUTTER SPECIFICATIONS:

DIMENSIONS	CUTTER CAPACITY
Height: 19 inches	3/8 inch Grade 100 chain
Width: 6 3/4 inches	1/2 inch Grade 40 chain
Depth: 8 3/4 inches	3/8 inch aircraft cable

Shipping Weight: 70 pounds

Call Vindee Industries, Inc. (815) 469-3300 for service or questions about the cutter.

TROUBLESHOOTING GUIDE (page 1 of 2)

Vindec Industries new Electro-Hydraulic Chain Cutter will operate trouble-free for many years of service. This guide will assist you in identifying and determining if your cutter is malfunctioning. If it is, the cutter must be returned to Vindec Industries for service or warranted work.

There are no user-serviceable components inside the cutter. This cutter is self-contained and does not require any routine maintenance or lubrication. **Do not** attempt to open the cutter to perform internal repairs without specific authorization from Vindec Industries. **Opening the cutter will VOID your warranty.**

Please read this troubleshooting guide to help you diagnose and correct most correctable problems. If the guide does not help correct the problem, please call:

Technical Service
Vindec Industries, Inc
965 Lambrecht Road
Frankfort, IL 60423
Phone: 815-469-3300
Fax: 815-469-4705
E-mail: vindecind @ att.net

When you call, tell us what company you obtained your cutter from, brand of chain, chain size and grade. Also, include the model and serial number, which appears on the front cover of the cutter.

If you should need to return the product to us, *you must* call for an RGA number.

TROUBLESHOOTING PROBLEMS:

Blades do not move when the key is turned clockwise in the switchlock.

- Check to make sure cutter is plugged in and is being fed electrical power. Check outlet switches, circuit breakers, and fuses in your electric power supply.
- Push the “Pull to Release” knob in firmly to assure that the valve is seated properly in place.
- Check around base of cutter for a hydraulic fluid leak. If found, call Vindec Industries.
- Make sure air breather is installed where the shipping plug was. Operating cutter without the air breather in place will cause permanent damage.

Blades move, but not far enough to cut or bend chain.

- The most likely reason for this malfunction is low fluid level caused by a hydraulic leak. Call Vindec Industries for service instructions.

Hydraulic fluid leakage visible outside cutter case.

- Replacement of seals, etc. may be necessary. Return cutter to Vindec Industries for service.

TROUBLESHOOTING GUIDE (page 2 of 2)

Blades do not return to a full open position when “Pull to Release” valve is pulled.

- Make sure you have not tried to cut a chain or cable larger in diameter or grade than the maximum capacity of the cutter.
- Pull out and hold the “Pull to Release” knob to make sure it has allowed the return cycle to complete.
- Before continuing with this step: **POWER DOWN THE CHAIN CUTTER AND UNPLUG**. Remove pry plug from the top of cutter while holding the “pull to release” knob out. Insert a screwdriver through the pry hole on the top of the chain cutter, and push straight down on the cutting blade. This should free up a binding blade.
- If blades persist in binding after this, they may be worn or damaged, and must be replaced. Call Vindee Industries for service.
- A worn spring may also be the cause of the failure to return to a full open position. Call Vindee Industries for service.

Blades or cutting edges are worn or damaged.

- Discontinue use of the cutter and call Vindee Industries for service. Use of the cutter on chain or cable which exceeds cutter capacity could cause damage to cutter. Do not cut any other hardened objects in cutter.

Cutter is missing minor parts or has broken parts.

- The following parts are available for on site repairs: plastic blade guard, Pull to Release valve knob, warning and instruction labels, shipping plug, breather vent, and pry plug.

Cutter does not cut cable cleanly.

- Wrap masking or electrical tape tightly around the bare cable where you are going to cut, and make your cut through the tape.
- The blade cutting edges are dull, worn or damaged and must be sharpened or replaced. Call Vindee Industries for service.
- Cable is larger in diameter than maximum cutter capacity.



*******LIMITED WARRANTY*******

The Vindee Electro-Hydraulic chain cutter is warranted against manufacturing defects and workmanship for one (1) year from the purchase date. The major component, the electric motor and hydraulic pump unit, is warranted for two (2) years from purchase date. Normal wear and tear parts, such as cutter blades, are excluded. Within this period Vindee Industries, Inc. will, at its option, repair or replace the product or any part thereof without charge for parts and labor. To exercise the warranty, the original consumer-owner must return a copy of the original invoice and the product, freight prepaid and insured, to Vindee Industries, Inc.

This warranty does not apply in the following cases: Improper installation, misuse, failure to follow installation and operating instructions, alterations, abuse, tampering or accident.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties expressed or implied. Seller's and manufacturers only obligation shall be to replace such quantity of the product proved to be defective in accordance with published Warranty Policy. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or the inability to use the product correctly. Before using, user shall determine the suitability and stability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

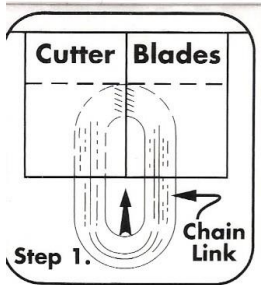
Except as provided herein, Vindee Industries, Inc. makes no express warranties and any implied warrant of merchantability or fitness for a particular purpose is limited to the duration of the written limited warranties set forth herein.


There will be charges rendered on repairs to the product made after the expiration of the aforesaid Warranty Period.

Before returning product we request you call for an RGA number.

This warranty gives you specific legal rights and you may have other rights, which may vary from state to state.

VINDEE INDUSTRIES, INC. 965 LAMBRECHT ROAD FRANKFORT, IL 60423 (815-469-3300)




**TO AVOID INJURY,
 ALWAYS LOWER GUARD
 BEFORE CUTTING**

**FOLLOW THE
 NUMBERED STEPS
 FOR EASY AND
 SAFE OPERATION**

 **CAUTION**
 IMPROPER USE CAN
 RESULT IN INJURY
FOR USE BY AUTHORIZED PERSONNEL ONLY

**INSTRUCTIONS DO NOT CUT CHAIN LARGER THAN 3/8-100,
 1/2-40 OR 3/8 CABLE. NEVER CUT A CHAIN LINK TWICE. IF
 NECESSARY TO REMOVE LINK FROM CHAIN, CUT AN ADJACENT LINK.**

STEP 1. INSERT NARROW END OF LINK FULLY TO BACK OF CUTTER SLOT.


**STEP 2. INSERT KEY INTO LOCKSWITCH AND TURN KEY TO RIGHT UNTIL
 CUTTER GRIPS LINK. RELEASE KEY.**

STEP 3. REMOVE HANDS FROM CUTTER AREA AND LOWER GUARD.

**STEP 4. RESUME TURNING KEY TO RIGHT AND HOLD UNTIL LINK IS FULLY
 CUT AND OPENED (ARROWS LINE UP ON THE BLADES). RELEASE
 KEY.**

**STEP 5. PULL RELEASE KNOB TOWARD YOU. HOLD OUT UNTIL BLADE
 STOPS (FULLY OPENED). PUSH KNOB BACK IN FIRMLY. REMOVE
 CUT LINK OR CABLE.**

MODEL NUMBER

 **CAUTION ELECTRICAL DEVICE. OPERATES ON
 115 VOLT 60 CYCLE SINGLE PHASE CURRENT
 6-10 AMPS. KEEP DRY. ELECT. COMPONENTS ARE
 UL APPROVED.**

**FOR SERVICE CONTACT: Vindee Industries 965 Lambrecht Road
 Frankfort, IL 60423 815-469-3300**

PATENT PENDING

