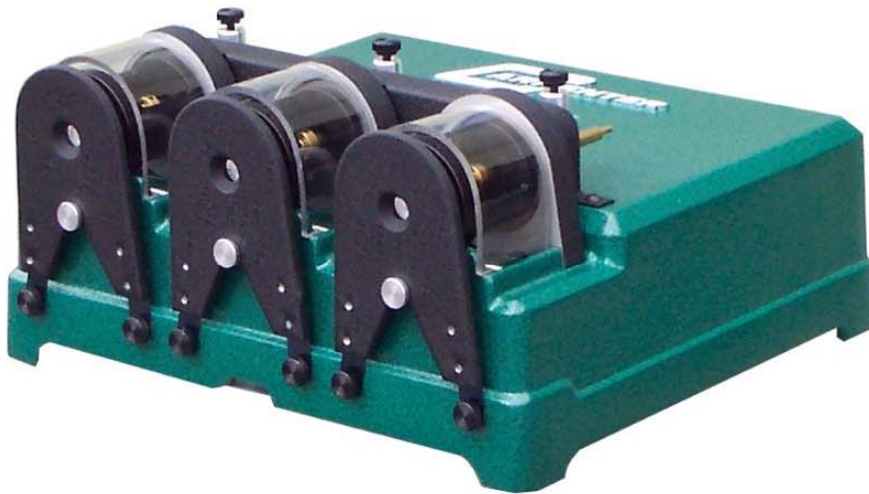


# OPERATOR'S MANUAL



## Model 74E 3-in1 Rotary Coaxial Cable Stripper

PRODUCTION WIRE PROCESSING EQUIPMENT

# CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER

## **INTRODUCTION**

Thank you for choosing Carpenter Mfg. Co. Inc. Wire Processing Equipment. For over 55 years Carpenter has been a leader in Wire Processing Technology and Service. Our desire has always been to bring you reliable products. We look forward to a long healthy relationship with you and our company.

The Model 74E can process a wide range of wires as referenced on the following page.

These processing specifications are based upon the most commonly manufactured wires. Special applications may arise with wires that are within the specification limits of the machine but are very difficult or unsuccessful to process. Likewise, wires that exceed the specified limits of the machine can sometimes be processed. Because there are many variables involved in Wire Processing we strongly recommend a FREE Wire Evaluation at our factory followed by a demonstration from a Carpenter representative to insure the ultimate success of your Wire Processing Application.

This operating manual explains how to operate the Model 74E. To ensure the best performance of your machine, read this manual carefully until you familiarize yourself thoroughly with its operation and features. After you have read through the manual, keep it available for reference.

Use this manual as a quick and handy reference tool for clarifying any questions that may arise. If you have any questions about this machine or service please let us know. Our phone number is 315.682.9176, fax number 315.682.9160  
Website: [www.carpentermfg.com](http://www.carpentermfg.com), E-mail: [wire@carpentermfg.com](mailto:wire@carpentermfg.com)

Carefully unpack the Carpenter Model 74E.  
We recommend that you keep the original box and packaging as it will protect the machine for future transportation if necessary.

## CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER

### **IMPORTANT NOTICE**

The products in this shipment left our facility in good working condition.

Their safe delivery is the responsibility of the carrier  
that delivered this shipment to you.

Our stated shipping terms are F.O.B. our facility at  
110 Fairgrounds Drive, Manlius, NY 13104.

According to applicable laws, the responsibility for this  
shipment was transferred to you as soon as the carrier  
accepted the goods at our warehouse.

If concealed damage is discovered after unpacking this shipment,  
you must submit a damaged freight claim with the carrier.  
Carpenter Mfg. Co., Inc. cannot submit your claim for you.

In order for you to collect for concealed damage,  
the carrier must be notified within 5 days  
of the date you receive this shipment.

You must leave the damaged items and packing material as is  
(i.e. return all merchandise and all packing material to the shipping container)  
until the claim has been inspected by the carrier.

Also, the carrier will not accept a claim if the goods  
have been moved from the point of the  
carriers delivery to another street address.

If you have any questions or problems,  
please give us a call at 315.682.9176.

# CAUTION

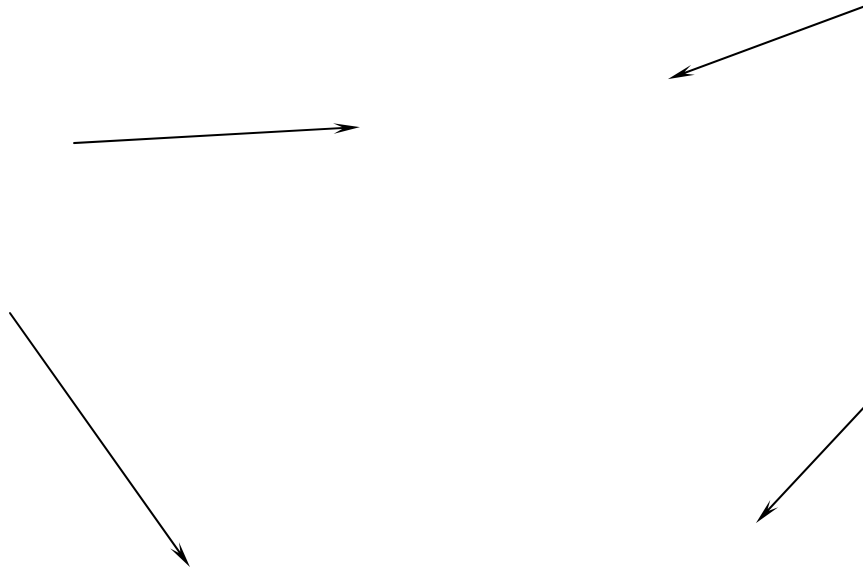
## **\*\*IMPORTANT\*\***

**This equipment comes equipped with  
LEXAN Safety Guards.**

**Do not attempt to defeat the function  
or purpose of the Safety Guards.**

**Serious injury to the operators' eyes, fingers or other body  
parts may result from attempts to operate this equipment  
without the Safety Guards installed.**

# CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER



# CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER

## **\*\*IMPORTANT\*\***

**PLEASE READ ENTIRE INSTRUCTIONS BEFORE OPERATING MACHINE**

## **APPLICATION**

The Model 74E Coaxial Wire Stripper is designed to strip coax as well as hook-up wire up to .265" (6.7mm) overall O.D. The Model 74E may be equipped with any combination of interchangeable Single or Twin Blade Face Plate Assemblies. Coaxial and shielded cable stripping is normally done in three stages by inserting the wire into each blade assembly in sequence. The sequence may vary depending upon cable construction and strip requirements. Selection of face plate assemblies, either Single Blade or Twin Blade, is dependent on the coaxial wire to be stripped. Coaxial stripping normally uses two Twin Blade Face Plate Assemblies for the first two steps. The third step may use a Single or Twin Blade Face Plate Assembly depending on strip specifications or wire characteristics.

## **SAFETY GUARDING**

**THIS EQUIPMENT COMES EQUIPPED WITH LEXAN SAFETY GUARDS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OR PURPOSE OF THESE SAFETY GUARDS. SERIOUS INJURY TO THE OPERATORS' EYES, FINGERS OR OTHER BODY PARTS MAY RESULT FROM ATTEMPTS TO OPERATE THIS EQUIPMENT WITHOUT THE SAFETY GUARD INSTALLED.**

## **WIRE GUIDE SELECTION**

Select a Wire Guide with the smallest inside diameter that slips freely over the outside diameter of the wire to be stripped.

Standard Wire Guides available (inches):

**For Single Blade Face Plate**

.028, .032, .036, .040, .046, .052, .059, .067, .076, .086, .098, .110, .120, .136, .152, .169, .185, .201

**For Twin Blade Face Plate**

.028, .032, .036, .040, .046, .052, .059, .067, .076, .086, .098, .110, .120, .136, .152, .169, .185, .201, .218, .234, .250, .265

## **OPERATION**

1. Install your spool of material on the Dereeler spool holder between cones. Make sure Axel is secured in the frame by using the locking pin.
2. Plug cord into proper electrical outlet. Turn machine On/Off at the switch located on the right side of the cabinet. When the machine is on, the yellow light on top of the cabinet will be lit.
3. To load the machine begin by feeding material through the fixed roller guides on the Dereeler frame and then between the feed belts. With machine turned on, lift up on the bottom accumulator pulleys, this will drive the belts forward feeding the material through. Once ample material is fed through the belts, open up the upper and lower cams that cover the accumulator pulleys, this will allow you to wrap the material around the pulleys.

# CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER

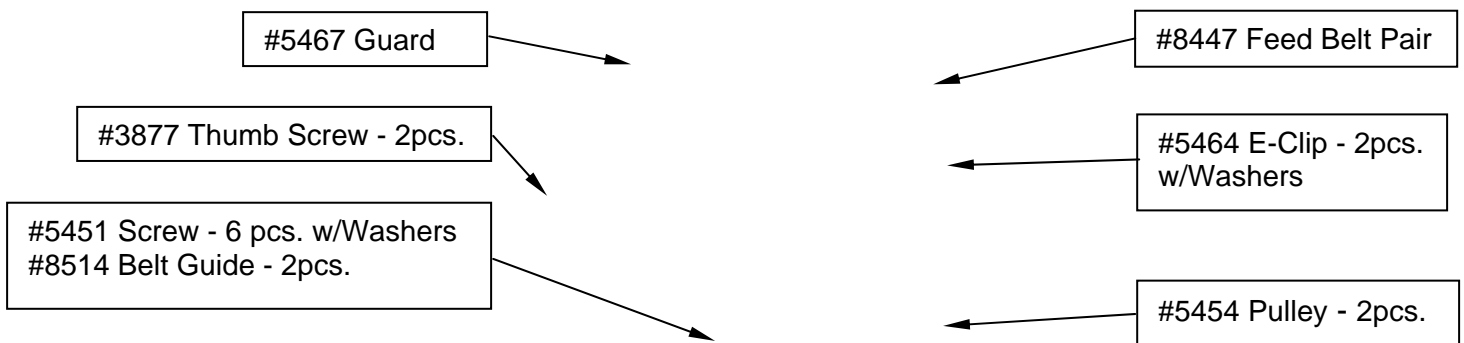
## OPERATION

cont.

## CIRCUIT BREAKER

## ACCUMULATOR ARM WEIGHT KIT (OPTIONAL)

## BELT CHANGE



# CARPENTER MODEL 74E 3-IN-1 COAXIAL WIRE STRIPPER

## **WARRANTY**

Carpenter Mfg. Co., Inc. manufactures its products to be free from defects in materials and workmanship. Should any defect occur within 1 year after shipment, Carpenter Mfg. Co., Inc. will at its option, exchange or repair the defective device.

Repairs or adjustments to equipment under warranty can be performed at our factory or at the customer location, at the option of Carpenter Mfg. Co., Inc. In most cases a 1-2 day turn around time will be necessary to repair equipment at our facility. When equipment is returned to our factory for repair or replacement, freight charges will be borne by the customer. Repaired or replaced equipment will be returned at Carpenter's expense via U.P.S. ground service. If alternate shipping is requested by the customer, the difference in shipping charges will be billed to the customer.

This is a limited warranty and is in lieu of all other representations and expressed and implied warranties (including the implied warranties of merchantability and fitness for use.) Under no circumstances shall Carpenter Mfg. Co., Inc. be liable for any incidental or consequential property damages or losses subsequent to misuse or improper maintenance of this equipment.

### **Not covered by this warranty are:**

- Consumable parts (blades, belts, guides, springs, inserts, stripping wheels, etc.).
- Cosmetic problems (nicks, scratches, etc.).
- Damages caused by any repairs or modifications by unauthorized personnel.
- Abuse.
- Damage caused by shipping.
- Damage caused by environmental and/or atmospheric conditions.
- Damage caused by the use of contaminated compressed air.