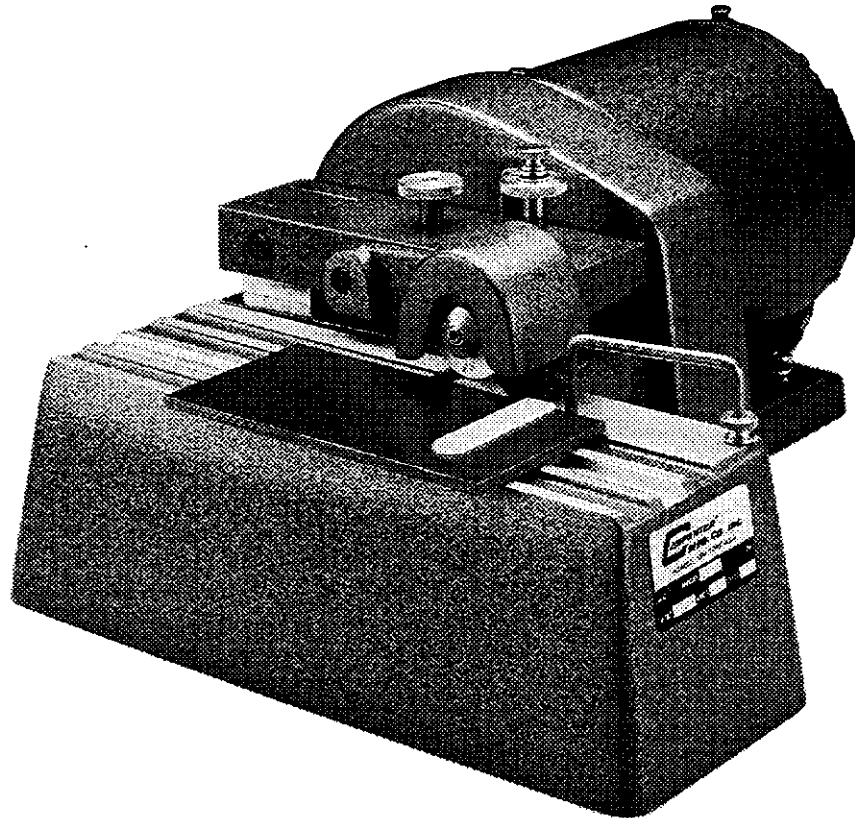


OPERATOR'S MANUAL



Model 44D Flat Cable Stripper

PRODUCTION WIRE PROCESSING EQUIPMENT

e-mail: wire@carpentermfg.com • website: www.carpentermfg.com

MODEL 44D FLAT CABLE STRIPPER OPERATING INSTRUCTIONS

APPLICATION

The Model 44D strips flat cable containing either flat or round conductors. Four different widths of stripping wheels are available, 1/8", 1/4", 3/8", or 1/2", in two different grades. Cable may be stripped anywhere up to 1 3/4" from the end.

SET UP

Place wire guide assembly #2721 in position with fence toward front of machine. Turn height adjusting screw #2439 so that bottom wheel is slightly higher than wire guide platform. Position cable against wire guide fence. Turn wheel spacing adjusting screw #1684 counter-clockwise, reducing space between the wheels, as you move cable in and out between the wheels until strip is accomplished. Turn small wheel pressure screw #1483 clockwise to increase pressure, to obtain correct pressure for cable being stripped. Adjust stop rod #2758 to appropriate strip length and re-adjust after trial strip. For 1/4" strip on round conductor cable a 1/8" wheel is normally used leaving 1/8" salvage which is pulled off exposing a 1/4" strip. Salvage is removed just prior to termination to avoid fraying in handling. On flat conductor, salvage can not be pulled off so a 1/4" wheel is used or in some cases, a 1/8" wheel using two passes. Depending on the cable, duplicate passes are more effective than wider wheels for longer strips.

ADJUSTMENT

The Model 44D has a telescoping adjusting screw design that maintains wheel pressure once it has been set, even though the space between the wheels is changed. Proper wheel pressure along with correct spacing provides maximum stripping results. Excessive pressure tends to clog the wheels and damage conductors, while too little pressure results in incomplete or slow stripping.

OPERATION

When stripping *both sides* of insulation using two wheels, place wire guide assembly #2721 in position with fence toward front of machine. Place flat cable on wire guide assembly #2721 and move cable slowly between wheels and return.

When stripping *one side* of insulation using one wheel, place wire guide assembly #2721 in position with fence toward rear of machine. Place flat cable on wire guide assembly #2721 and move cable slowly under wheel and return.

Speed of feed will vary with type of cable. It is better to start slowly and increase speed to determine correct rate of feed.

CHANGING WHEELS

With two wrenches #2514 provided, hold shaft secure, back off inner nut several turns, and then remove outer wheel nut by turning clockwise. Install wheel. Tighten outer nut first and then inner nut. Dress new wheels, in the same manner as stripping flat cable, with wheel dresser #2998 provided. Fiberglass wheels should be dressed periodically for maximum effectiveness.

BEARING
2830 X4

SHAFT
2744 X2
INNER NUT
2745 X2
OUTER NUT
2746 X2

ARM SUPPORT ASS'Y
3666
NOTE: UPPER & LOWER SHAFTS ALIKE

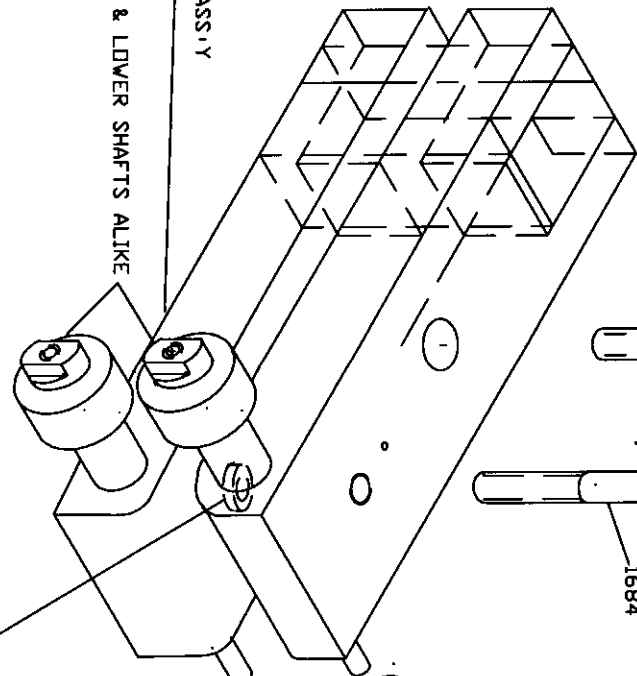
HEIGHT ADJ.
2439

NUT
1483
WASHER
1810 X2
TENSION NUT STOP
1671
GAP ADJ. SCREW ASS'Y
1684

SCREW
1562
UPPER PULLEY
3377
SCREW
1562
LOWER PULLEY
3376

WASHER
1517
SPRING
1673
SPRING
2589
SPRING SUPPORT
2603
SCREW
1576
TENSION SCREW ASS'Y
1672
3669
HEAD ASS'Y

2/2/00





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WARRANTY AND SERVICE POLICY

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.

This warranty covers the following machine:

Model #: _____

Shipping Date: _____

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