



*Always Moving Forward®*

# Operating Manual

Please Read Before Operating Unit



**REMARCABLE**  
A DIVISION OF THE ERASER CO., INC.

## Remarcable® Model 1256 Bench Coaxial Cable Stripper

PLEASE CALL FOR SERVICE OR SPARE PARTS

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## MODEL 1256 BENCH COAXIAL CABLE STRIPPER

### ORDERING INFORMATION

RC1068 (1256) ..... Bench model wire and  
coaxial stripper 110V 60Hz, drilled  
RI1040 ..... Quick release coupling  
(required to mount cutter head)

**Cutter heads must be ordered separately  
(one required per machine)**

RI2053 ..... Cutter head with a UV or V  
size hole (0.351-0.445 dia.)  
RI2057 ..... Cutter head with the strip length  
of .070 or less between blades  
RI2076 ..... Cutter head for stripping 735 coax  
(for use with Kings connectors)  
RI2077 ..... Cutter head for stripping 734 coax  
(for use with Kings connectors)  
RI4040 ..... Single level semi rigid cutter head  
RI4041 ..... Two level semi rigid cutter head  
RI4042 ..... Single level coax cutter head  
RI4043 ..... Two level coax cutter head  
RI4044 ..... Two level coax cutter head  
(braid exposed)  
RI4045 ..... Three level coax cutter head  
RI2059 ..... Four level coax cutter head



### SPECIFICATIONS

Cable diameter and strip length dependent on material  
type, construction and cutter head selected.

#### Cable diameter:

Semi Rigid Cable ..... 0.034"-0.141"  
(0.86mm-3.58mmø)

Coaxial Cable ..... 0.030"-0.430"  
(0.76mm-10.9mmø)

Strip length ..... 0.050"-1.75"  
(1.27-44.4mm)

dependent on material construction and diameter

Decibel rating ..... 58 dB(A)

Power ..... Continuously rated AC motor  
120V 60Hz

Size ..... 14 1/2" x 10" x 9"  
(368mm x 254mm x 229mm)

Weight ..... 32 lbs. (14.5 Kg)

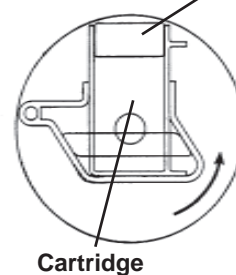
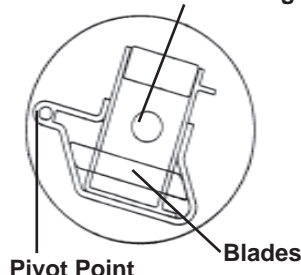


*If unsure which cutter head  
is appropriate for your  
application please send 10  
feet of your material with  
your stripping specifications  
for a FREE evaluation. We  
will return the results and  
recommend the appropriate  
cutter head for your  
requirements.*

- 1) Push material into entrance hole up to stop. Blades are retracted.
- 2) When activated, blades pivot inward to perform stripping.

Entrance hole containing cable

Lead weight



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## IMPORTANT SAFETY INSTRUCTIONS

**! WARNING: DO NOT OPERATE TOOL UNTIL YOU HAVE READ THOROUGHLY, AND UNDERSTAND COMPLETELY, ALL INSTRUCTIONS, RULES, ETC. ON THIS PAGE, AND IN THE OPERATING MANUAL. WHEN USING ELECTRIC TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE RISK OF FIRE, ELECTRIC SHOCK, AND PERSONAL INJURY, INCLUDING THE FOLLOWING:**

### GROUNDING INSTRUCTIONS

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided – if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The green conductor with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug. Repair or replace damaged or worn cord immediately.

### GENERAL INSTRUCTIONS

#### REMOVE ADJUSTING KEYS AND WRENCHES

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning on.

**KEEP WORK AREA CLEAN** Cluttered areas and benches invite accidents.

#### DON'T USE IN DANGEROUS ENVIRONMENTS

Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

**ALWAYS USE SAFETY GLASSES** Everyday eyeglasses only have impact resistant lenses; they are NOT safety glasses. Also use face or dust mask if cutting operation is dusty.

**WEAR PROPER APPAREL** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry that might get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.

**DON'T OVERREACH** Keep proper footing and balance at all times.

**MAINTAIN TOOLS WITH CARE** Keep tools sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories.

**DISCONNECT TOOL** before servicing; when changing accessories, such as blades, wheels, cutters, and like.

**USE RECOMMENDED ACCESSORIES** Consult the operating manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.

**CHECK DAMAGED PARTS** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

**DO NOT EXCEED THE MAXIMUM MATERIAL SPECIFICATIONS.**

**DO NOT OPERATED UNIT WITHOUT GUARDS IN PLACE OR GUARDS NOT IN WORKING ORDER.**

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**DO NOT PERFORM MAINTENANCE OR ADJUSTMENTS WITH POWER ON.**

**DO NOT PLACE FINGERS OR APPENDAGES IN OR NEAR OPENINGS IN GUARDS.**

**DO NOT RUN UNIT WITH INCORRECT LINE VOLTAGE. REFER TO LABEL PLACED OVER IEC CONNECTOR.**

**DO NOT ALLOW UNTRAINED OR UNQUALIFIED PERSONNEL TO OPERATE UNIT.**

**DO NOT DEFEAT ANY OF THE SAFETY FEATURES DESIGNED INTO THE UNIT.**

## OPERATING INSTRUCTIONS

### SET-UP:

To install the cutter head use the slotted head screwdriver to release the two screws holding the cutter head guard onto the base unit. Pull the guard forward slightly and lift off, exposing the Y shaped quick release coupling. Push back the ring holding the coupling to the unit and remove the coupling. The cutter head comes preattached to the quick release coupling.

Plug the foot pedal into the appropriate receptacle at the back of the unit. Insert the power cord into the IEC receptacle at the back of the unit. Plug the unit in. The unit is rated for continuous use and is protected with a fuse located in the IEC connector.

### OPERATION:

**! CAUTION: Safety glasses or other suitable eye protection should be worn when operating this unit.**

The cutter head is custom built to customer-provided specifications for cable size and strip dimensions. It may be necessary, however, to adjust the depth of the blades and the center conductor strip length. Stripping a piece of test cable first is recommended.

Turn the unit on using the on/off (I/O) switch located toward the front of the unit on top surface of base. The Model 1256 uses a cycle timer knob to control the cutter head action. For most cables, the optimum cutter "on" time is about 4 seconds. If strips seem to be inconsistent despite blade adjustments, try setting the timer higher.

Insert the cable into the cutter head until it hits the stop and hold firmly. Depress the foot pedal to start the strip cycle. When the cutter head has come to a complete stop, remove the cable and remove the stripped sections. Check that the strip quality is satisfactory. If there is any nicking, or if the blade did not strip all the way, it will be necessary to adjust the blade depth using the screws located on the cutter head. Also check the center conductor length. If this length needs to be shorter or longer, the stop screws at the back of the cutter head will need adjusting.

### **BLADE DEPTH AND CONDUCTOR LENGTH ADJUSTMENTS:**

To access the cutter head to make adjustments, remove the cutter head guard from the unit.

**NOTE:** The unit will not operate when the cutter head guard is removed.

Turn the cutter head to access the screws holding the blade(s) in place. Depending on the desired strip, there may be 1, 2 or 3 blades in the head. See diagram in this manual to locate the desired blade screw. Using the slotted screwdriver provided adjust the screw slightly by turning it ½ turn clockwise to lower the blade or ½ turn counter clockwise to retract the blade. Repeat steps for all blades if necessary. To adjust the center conductor length remove the cutter head and coupling assembly from the unit by pushing back the ring holding it in place on the unit. Using the slotted head screwdriver provided, access the stop screw from the back of the coupling. Turn the screw clockwise to shorten the center conductor length and counter clockwise to lengthen it. Replace the cutter head/coupling assembly back onto the unit, replace the cutter head guard, and retest. Repeat above steps as necessary to achieve desired strip results.

**NOTE:** The RC1068 may be used for extended center conductor lengths.

During a production run, take care to allow the cutter head to come to a complete stop before removing the cable so that no slugs will be ejected into the cutter head. If this happens, slugs must be removed by tipping the unit up or removing the cutter head from the unit and tapping it to allow them to fall out of the entrance hole.



# MODEL 1256 BENCH COAXIAL CABLE STRIPPER

## STRIPPING OF SEMI-RIGID OR LARGE DIAMETER CABLES

It is critical that large diameter cables be presented to the cutter head absolutely straight. Any curvature in the cable will lead to cuts that are too deep on one side and not deep enough on the other. Also, the thicker jackets of large cables and hard jackets of semi-rigid cables can cause drag on the cutter head causing inconsistent strips. To aid in reducing drag, apply a small amount of lubricant such as silicone or white Teflon grease to the cable end before inserting it into the cutter head. Application of lubricant to semi-rigid cables is imperative to ensure maximum performance of the cutter head. Also, the cycle timer may need to be set to a higher number for larger and semi-rigid cables.

## MAINTENANCE:

### BASE UNIT:

Keep unit clean and free of debris at all times. No other maintenance is required. Do not use solvents to clean the plastic motor and cutter head guards.

### CUTTER HEAD:

Ensure that no slugs are stuck in the head, which can cause stripping problems. Replace blades as necessary.

### CUTTERHEAD REPLACEMENT:

To replace the cutterhead, use the Phillips head screwdriver to remove the three screws on the top plate (front) of the cutter head. Detach the bottom from the cartridge assembly. Using the two screws in the quick release coupling, attach the bottom plate of the cutter head to the quick release coupling. Reassemble the cartridge assembly and top plate onto the bottom plate of the cutter head, and replace the three screws in the top plate. NOTE: Install the two machine screws in the silver standoff and the plastic standoff, and install the coarse thread screw in the lead standoff. Now the entire coupling/cutter head assembly can be reattached to the base unit and the head guard replaced.

### BLADE REPLACEMENT:

Remove the head from the base unit. To access the blade cartridge use the Phillips head screwdriver provided to remove the three screws holding the top plate onto the cutter head. Remove the top plate and lift the blade cartridge up and out of the bottom plate. Back out the adjustment screws,

remove spring material and lift out cutting blades. Replace with new blades. Install spring material under blades, install cartridge, replace top plate with screws. NOTE: Install two machine screws in the silver standoff and the plastic standoff. Install coarse thread screw in the lead standoff.

## TROUBLE SHOOTING:

**PROBLEM** Strip not deep enough.

### SOLUTIONS

- 1) Adjust blade depth screws on cutter head clockwise.
- 2) Increase timer "on" time.

**PROBLEM** Strips too deep.

### SOLUTION

- 1) Adjust blade depth screw on cutter head counter clockwise.
- 2) Decrease timer "on" time.

**PROBLEM** Strips inconsistent.

### SOLUTION

- 1) Check that cable is straight.
- 2) Use lubricant on large cables or semi-rigid cables.
- 3) Check there are no slugs or debris caught in cutter head.

**PROBLEM** Cutter head jammed.

### SOLUTION

- 1) Clean out slugs from cutterhead.

## SYMBOLS AND DECLARATIONS



### GROUND LOCATION

This protective Earth ground label is located inside the housing beside the ground wire. This wire is connected to the Power Supply Cable and is wired back through the Mains supply to ground.



### CAUTION LABEL

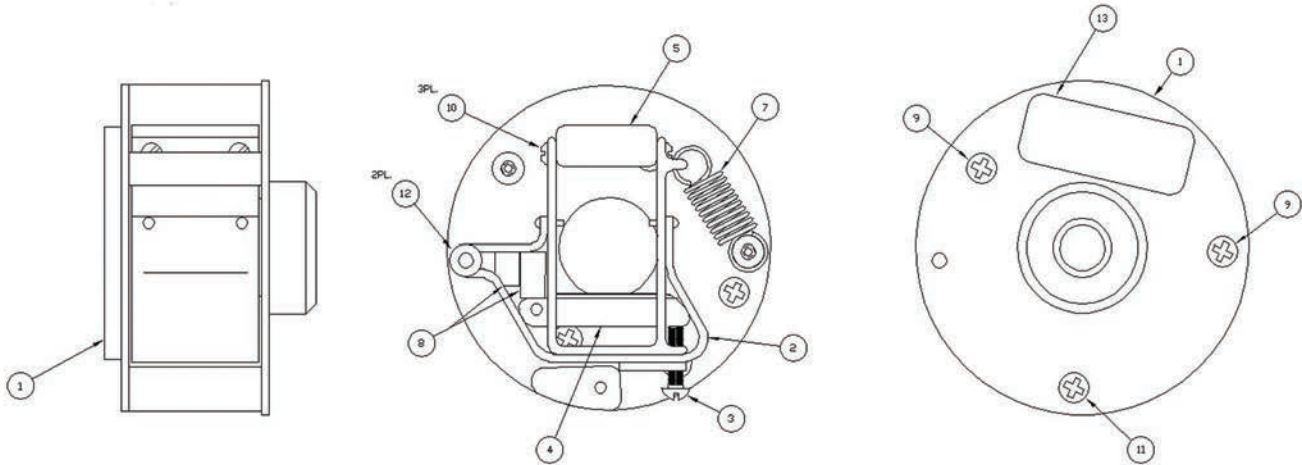
Refer to the operating instructions before using this unit. High voltage is inside this unit and power must be disconnected before servicing.



### ON/OFF LABEL

This is the ON/OFF switch. Press I for on and press O for off. This switch is also the anti-start switch. In case of power outage, this switch must be reset for the unit to operate.

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- 1. RI4710 Bottom plate assy.
- 2. RI4801 Cartridge
- 3. RI6105 Adjusting screws
- 4. RI6711 Blade
- 5. RI4721 Cartridge weight
- 6. RP3409 Rubber pad

- 7. RP6101 Spring
- 8. RP6102 Foam rubber
- 9. RP6301 Screw
- 10. RP6307 Screw
- 11. RP6311 Screw
- 12. RP6719 Pivot pin



**CUTTER HEAD ADJUSTMENT SCREWS**

**IMPORTANT: NO LIABILITY WILL BE INCURRED BY THE ERASER CO. FOR INJURY, DEATH, OR PROPERTY DAMAGE CAUSED BY A PRODUCT WHICH HAS BEEN SET UP, OPERATED, AND/OR INSTALLED CONTRARY TO ERASER'S WRITTEN INSTRUCTION MANUAL, OR WHICH HAS BEEN SUBJECTED TO MISUSE, NEGLIGENCE, OR ACCIDENT, OR WHICH HAS BEEN REPAIRED OR ALTERED BY ANYONE OTHER THAN ERASER, OR WHICH HAS BEEN USED IN A MANNER OR FOR A PURPOSE FOR WHICH THE PRODUCT WAS NOT DESIGNED.**

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