

Model TL17
TWIN LOOP™
ELECTRIC CLOSER
Instruction Manual & Parts List

WARNING:

SUPERVISORS PLEASE NOTE:

***THESE PRECAUTIONS MUST BE FOLLOWED
WHEN OPERATING OR SERVICING THIS MACHINE.***

- **ALL OPERATORS MUST BE PROPERLY TRAINED PRIOR TO USING THIS EQUIPMENT.**
- **READ INSTRUCTION MANUAL BEFORE OPERATING OR SERVICING THIS MACHINE.**
- **ONLY A TRAINED, QUALIFIED TECHNICIAN SHOULD SERVICE THIS MACHINE.**
- **DO NOT ATTEMPT SET-UP CHANGES UNLESS FULLY TRAINED.**
- **FOLLOW ALL STATE, LOCAL AND FEDERAL POWER LOCK OUT / TAG OUT STANDARDS WHEN SERVICING THIS EQUIPMENT.**
- **HAVING MACHINE UNDER POWER WHILE MAKING ALTERATIONS CAN RESULT IN SERIOUS BODILY INJURY. ALWAYS DISCONNECT ELECTRICAL POWER AND AIR SUPPLY BEFORE MAKING ALTERATIONS.**
- **NEVER OPERATE MACHINE WITHOUT ALL GUARDS IN OPERATING POSITION.**
- **SAFETY GLASSES SHOULD BE WORN AT ALL TIMES WHEN OPERATING THIS MACHINE OR MANUALLY CLIPPING WIRE.**
- **KEEP HANDS AND LOOSE CLOTHING AWAY FROM ALL MOVING PARTS.**

Safety Messages

Your safety as well as the safety of others is important to GBC. In this instruction and on the product are important safety messages. Read these messages carefully.



The safety alert symbol precedes each safety message in this instruction manual. This symbol indicates a potential personal safety hazard that could hurt you or others, as well as cause product damage or property damage.

The following pictorials are found on the product.

 MUCHO CUIDADO	 ATTENTION		 WARNING
Riesgo de choque eléctrico. No abra. Adentro, no hay piezas reparables para el usuario. Mantenimiento solamente para personal calificado.	Risque de secousse électrique. Ne pas ouvrir. Pas de pièces réparables par l'utilisateur. Entretien par personnel qualifié.		Electrical shock hazard. Do not open. No user serviceable parts inside. Refer servicing to qualified service personnel.

This means an electrical shock hazard exists if covers, enclosures or guards are removed and internal parts become accessible. ALWAYS refer servicing to qualified GBC personnel.

 CAUTION
For continued protection against risk of fire, replace only with same type and rating of fuse.
 ATTENTION
Pour une protection continue contre un risque d'incendie, remplacer seulement avec un fusible du même genre et de même valeur.
 CUIDADO
Para protección contra incendio, reemplaza con misma medida de fusible.

This means that a risk of fire exists if the line fuse is not replaced by the same type and rating fuse. The fuse rating was selected to provide maximum protection and longevity to the product. ALWAYS replace with same fuse type and rating.



FOR YOUR SAFETY:












- Do not connect this product to electrical power or attempt to operate it before you read this operating instruction and have been fully trained to operate this product.
- Do not place this product on an unstable stand, cart, or surface. The product may fall and hurt you. If you use a cart, move the product and cart carefully. Quick stops, rough or uneven surfaces, and excessive force may cause the product and cart to overturn and hurt you.
- Do not insert objects or spill liquids into the product. They may contact dangerous voltage or short out components that may result in fire or electric shock.
- Only connect this product to the electrical supply shown in the machine specification section of this operating instruction and the serial/rating label.
- For pluggable equipment, the socket outlet shall be installed near the equipment and shall be easily accessible.
- Do not alter the plug on the end of the cord set provided with this product. It was selected for your safety. Connect the plug only to a matching receptacle. If you do not have such a receptacle, contact a qualified electrician to have one installed.
- Turn the product 'Off' (*"O" position*) at the end of the day.
- Unplug the product before moving it. Unplug the product when it will not be in use for an extended period of time.
- Do not attempt to service this product. Contact an authorized GBC service representative if any of the following conditions listed below are encountered:
 - Damaged plug or frayed power cord.
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product has been dropped, bumped or dented.
 - If the product does not operate normally when following the operating instructions.

TWIN LOOP™ ELEMENT SIZE CHART

- Measure book thickness and determine element size from chart
- Measure binding edge and determine number of loops by referring to the Sickinger price list. Or, measure edge in inches, then multiply by the number of loops per inch and subtract one.

Example: For 3:1 pitch, 11 inch binding edge:
 $11 \times 3 = 33 - 1 = 32$ loops

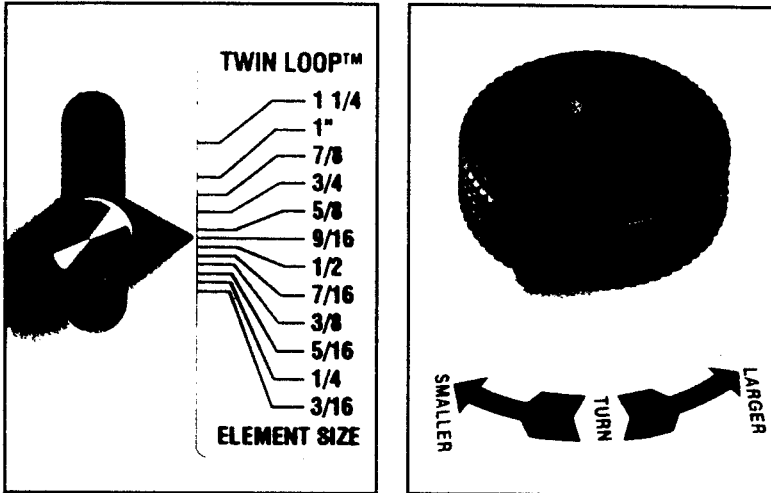
Example: For 2:1 pitch, 11 inch binding edge:
 $11 \times 2 = 22 - 1 = 21$ loops

ELEMENT SIZE	BOOK THICKNESS
3 LOOPS PER INCH	
1/4" 	3/16" OR LESS
5/16" 	1/4" OR LESS
3/8" 	5/16" OR LESS
7/16" 	3/8" OR LESS
1/2" 	7/16" OR LESS
9/16" 	1/2" OR LESS
2 LOOPS PER INCH	
5/8" 	9/16" OR LESS
3/4" 	5/8" OR LESS
7/8" 	3/4" OR LESS
1" 	7/8" OR LESS
1-1/4" 	1-1/8" OR LESS

TWINLOOP ELECTRIC CLOSER

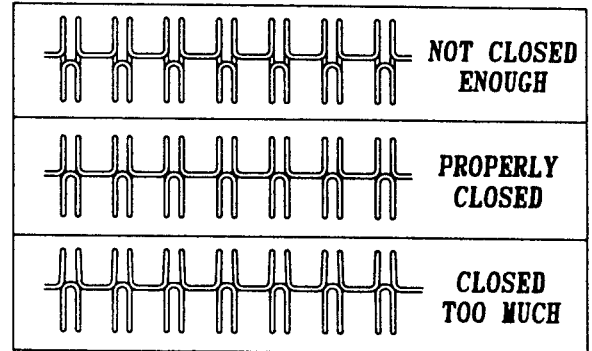
OPERATING INSTRUCTIONS:

SET-UP



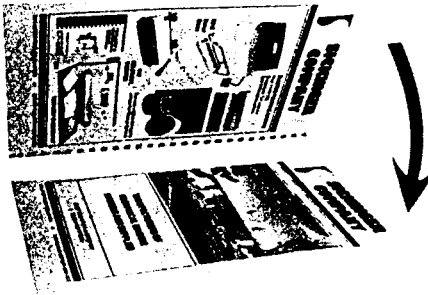
Adjust machine for proper element diameter by turning handwheel until the pointer indicates the right diameter dimension. (See above).

Figure 1. Proper Element Closure

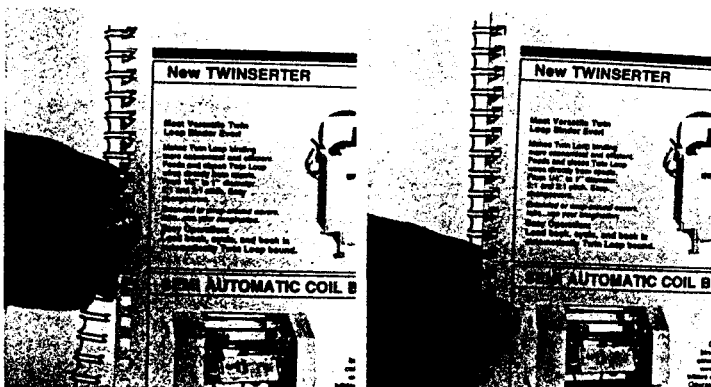


To operate: place book in machine and depress foot pedal. Check element for proper closure. (See diagram above). Re-adjust if necessary by turning handwheel. **Note: Never operate machine without the plastic guard in place!**

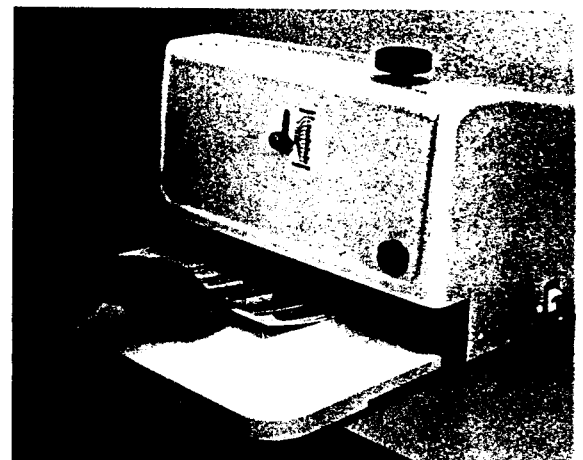
OPERATION:



Before inserting Twin Loop element, rotate back cover of book to the top; then turn the entire book upside down (covers facing downward). This ensures that the wire loop closure will be inside the book.



1. Insert a proper length, pre-formed Twin Loop element into a pre-punched book.



2. Position the book in the TL17 Electric Closer.
3. Depress the foot pedal to activate. The book is instantly bound.
4. Return back cover to the back of the bound book.