

MODEL 5000



STRIP TECHNOLOGY

Strip Technology, a leader cable and wiring recovery systems, offer 4 patented wire strippers. Built tough, to be efficient and dependable, at our manufacturing facility in Fort Worth, Texas, Strip Technology can also custom build any cable/wire recovery system to your specs. Call us at 1.800.426.4126 or 1.817.626.1504 and ask how we can fill your wire stripping needs.

Strip Technology is one of the many business ventures created by the Alexander family. Founded by Bill Alexander, Sr. and now run by his immediate family, Ronnie, Bobby and Bill Alexander Jr., Strip Technology is based on the family's tradition of quality at a reasonable price.

Driven by the demand to conserve and noting that our world only has a finite amount of raw materials, Strip Technology was born. Recycling is not only smart, in that it conserves resources, but it also profitable, because raw materials are not needed to produce an end product that you can recover. There is no pollution, no hazardous byproducts and no manufacturing labor involved.

The Alexander's base their integrity on 3 generations of family ownership and dedication to you, the customer. Our company's no-nonsense approach and 'esprit de corp' attitude of our employees only enhance the kind of workmanship we place into everything we manufacture.

Strip Technology has 4 patented wire strippers on the market today. Give us, or one of our authorized dealers a call if you require any special applications. We can custom build a wire stripper specifically for you.

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SECTION ONE INTRODUCTION

1-1 Model 5000 Strip-Tec Wire Stripper

Strip Technology, Inc. machines are designed and built to give long and trouble-free life, providing that you conduct the simple maintenance procedures detailed in this manual.

Remember that removing the outer insulation cover off the wire can be hazardous. Before operating the **Wire Stripper**, it is important that the operator reads the safety instructions contained in this manual (section 3). Please ensure that your operators are fully trained in the use of the **Wire Stripper** and that you should conduct periodic safety reviews of the equipment's **safety features** and **warning labels**.



If you need any further help or assistance, or wish to order parts for the Wire Stripper please contact your distributor or the manufacturer:

Strip Technology, Inc.

3700 N. Commerce St Fort Worth, TX 76106 (800) 426-4126 WWW.Striptec.com

SECTION ONE INTRODUCTION

1-2 MODEL 5000 SERIAL NUMBER PLATE

Before operating the **Wire Stripper** the unit must be wired and grounded in accordance with **National Electrical Codes** including any and all **Local** codes.

The **VENT PLUG** is to be installed on the **GEAR REDUCER** before starting this product.

Model Number	
Voltage:	
Phase:	
Serial Number:	
Supply Circuit:	Amne MAY

1-3 SPECIFICATIONS:

MOTOR:

Motor: 5 HP, 220 volts, 3 - Phase 5 HP, 440 volts, 3 - Phase

Production: Approx. 150 ft/minute

Table Height: 30 inches

Table Length: 60 inches

Table Width: 24 inches

Leg Construction: 3.00" sq. tube

Weight: 800 lbs

Wire Size: 1/4 to 4 inch diameter

Options: Single phase 220 volt for an additional charge

SECTION ONE INTRODUCTION

1-4 MODEL 5000 LIMITED WARRANTY.

Strip Technology, Inc., (warrantor) warrant to the original consumer purchaser only that all products manufactured or supplied by warrantor will be free from defects in material and workmanship under normal use and service for the period of 90 days from the-original consumer purchaser only that all products and service for the period of 90 days from the-original consumer purchaser only that all products and service for the period of 90 days from the-original consumer purchaser only that all products and service for the period of 90 days from the-original consumer purchaser only that all products and service for the period of 90 days from the-original consumer purchaser only that all products. (Proof of purchase required)

This warranty does not cover damage from normal wear and tear, accident, misuse, or lack of reasonable and necessary maintenance and service, nor does it warranty the improper installation or unauthorized repair, alteration, modification, or defects in the unit when product is installed.

In the event of a warranted product defect, please call Strip Technology, Inc., with a description of the defect. It is Strip Technology, Inc.'s option to repair or replace with functionally equivalent product. Proof of purchase and the return of product may be required for replacements. Such repair or replacement shall be at warrantor's expense, but you shall bear all other expenses, including, but not limited to, cost of removal, transportation, reinstallation, communication and any special service requested by you such as overtime labor, ect. Repaired or replaced items carry only the un-expired portion of the original warranty.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE SHORTER OF THE PERIOD PROVIDED BY LAW OR THE PERIOD OF THE WARRANTY AND UNDER NO CIRCUMSTANCES SHALL **STRIP TECHNOLOGY**, **INC**., BE LIABLE FOR INCIDENTIAL OR CONSEQUENTIAL DAMAGES SUSTAINED IN CONNECTION WITH THE PRODUCT. THE EXPRESS WARRANTY ABOVE CONSTITUTES THE ENTIRE WARRANTY AND IS IN LIEU OF ALL OTHERS EXPRESSED OR IMPLIED.

Some states to not allow the exclusion or limitation or consequential damages, or limitation on how long an implied warranty lasts, so the above limited or exclusions may not apply to you.

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

Customer Service Department 800-426-4126 Phone 817-625-2207 Fax

Strip Technology, Inc.

SECTION TWO PREPARATION FOR USE

2.1 Freight Notice

If crate and **Wire Stripper** should arrive to your company damaged, immediately take photos of damage and fill out the proper paper work with the freight company. Contact the manufacturer Strip Technology, Inc. to get costs of damaged parts and report to the freight company.

2.2 Unpacking Wire Stripper

CAUTION

Remove crate from around Wire Stripper and before removing Wire Stripper off of crate base be sure lifting device is correctly lifting Wire Stripper from underneath the table frame because of being top heavy.



Figure 2-1 Model 5000 Wire Stripper

SECTION TWO PREPARATION FOR USE

The Model 5000 Wire Stripper was shipped completely serviced except for the VENT PLUG being installed.

To install VENT PLUG remove the pipe plug and install the VENT PLUG shown in figure 2-2.

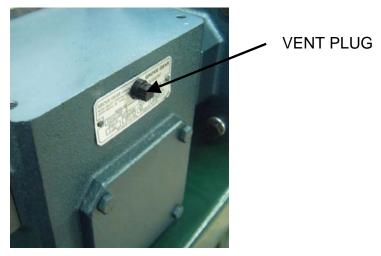


Figure 2-2 Gear Box Vent Plug

3.1 GENERAL:

It is impossible to compile a list of safety precautions covering all situations. However, there are basic safety precautions that MUST be followed during your daily routine. Safety is YOUR PRIME RESPONSIBILITY, since any piece of equipment is only as safe AS THE PERSON OPERATING THE EQUIPMENT.

With this in mind, this information has been provided to assist the operator, in promoting a safe working area for yourself and those around you. It is not meant to cover every conceivable circumstance which could arise. It is intended to present basic safety precautions that should be followed in daily operations.

You, the operator, are the only one who can be relied upon to assure the safety of yourself and those around you. Be a PROFESSIONAL and follow the RULES of safety.

Be aware at all times that you are responsible for the safety of yourself, your co-workers, the **WIRE STRIPPER** and everything around it.

Read and understand the Operator's Manual before operating the WIRE STRIPPER.

3.2 BEFORE OPERATING THE WIRE STRIPPER:

Be sure that the operator has read and understood this manual.

Be sure that the operator always wears eye protection.

Be sure that the operator is wearing the proper protective clothing and boots.

When operating Wire Stripper be sure **NOT TO WEAR GLOVES**.

Inspect the entire unit before each use for worn, loose, missing, or damaged parts.

Be sure that all protective cutter blades guard plate is in proper position (see figure 3-1), wire guide plate (see figure 3-2 and drive shaft and gear cover (see figure 3-3) are in place and properly installed.



Figure 3-1 Cutter Blade Guard



Figure 3-2, Guide Plate



Figure 3-3, Drive Shaft Cover

Check that all safety and warning notices are clean and legible.

Use proper size guide hole for wire size being stripped.

When operating the **Wire Stripper**, operator must stand on end of unit where **ON/OFF** Switch and **Emergency Pull Shut-Off** is for easy access (See figure 2-1, 2-2).



Figure 2-1, ON-OFF Switch



Figure 2-2, Emergency Switch

3-3 OBSERVE ELECTRICAL PRECAUTIONS:

Wire Stripper must be wired and grounded in accordance with National Electrical Codes.

Do not use in damp or wet locations or expose to snow, rain, or water to avoid the possibility of electrical shock.

Use extension cords specifically marked suitable for outdoor use.

Inspect the insulation and connectors on the **Wire Stripper** and extension cord before each use. If there is any damage, DO NOT USE until damage is repaired by qualified service personnel.

DO NOT use ON/OFF switch if not operating properly. Repairs to switch must be made by qualified service personnel.

Keep extension cord clear of operator, and other obstacles, which may damage cord at all times.

DO NOT expose to heat, oil, or sharp edges.

Avoid any body contact with any grounded conductor, to avoid electrical shock.

3-4 CAUTION LABELS

The caution labels illustrated are those attached to the **Wire Stripper**. If labels are damaged, new replacement labels can be obtained from the local distributor or manufacture. See labels below.







A DANGER / PELIGRO

HAZARDOUS VOLTAGE

- At least two power sources (Line and Control) are feeding this equipment
- Disconnect ALL power to this equipment before servicing.

Electric shock will result in death or serious injury.



TENSIÓN PELIGROSA

- Por lo menos dos fuentes de alimentación (de línea y de control) alimentan este equipo.
- Desenergice el equipo antes de realizar servicios de mantenimiento.

Una descarga eléctrica podrá causar la muerte o lesiones serias.

TENSION DANGEREUSE

- Au moins deux sources d'alimentation (ligne et contrôle) alimentent cet appareil.
- Coupez toutes les alimentations à cet appareil avant d'effectuer l'entretien.

L'électrocution entraînera la mort ou des blessures graves.

72013-011-01 rev.: -

4.1 Operations

- A. Connect unit to the proper power source as follows:
 - The power source needs to be what is listed on the motor plate.
 - Be sure that the power source electrical cable is specifically marked as suitable for outdoor use.
 - Heavy enough to carry the current from the power source the full length of the power cable to the Wire Stripper. Otherwise loss of power and overheating can occur causing damage to the Wire Stripper.
 - Power cable insulation must be intact with no cracks or deterioration.
 - Plug connectors must be undamaged.
- B. OBSERVE ALL WARNING and DANGER SIGNS.
- C. Start and Stop Buttons.
 - Pressing the green button "Start" (See figure 4-1) which will turn on the Wire Stripper. If the motor fails to start, check to be sure the emergency button is in the off (out) position (See figure 4-2).



Figure 4-1, Starter Panel



Figure 4-2, Emergency Button

- If **Wire Stripper** fails to start be sure that the wire guide plate is properly secured to frame and holds contact switch button in before unit will start (See figure 4-3).
- Pressing the red "STOP" button, turns the Wire Stripper off (See figure 4-1).
- D. Emergency Stop Button (See figure 4-3).



Figure 4-3, Emergency Switch (Red) and Contact Switch

E. Adjusting the cutting blades:

• Insert wire into the proper guide hole until wire passes over center of cutting blades. (See figure 4-1).



Figure 4-1 Wire in 1-1/2" Guide Plate.

• Tighten cutting blades until they penetrate into the outer wire cover. (See figure 4-2).

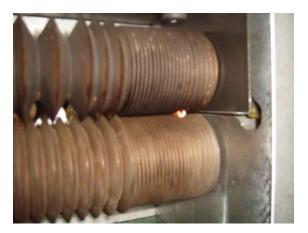


Figure 4-2, Wire between cutter blades.

 Turn on Wire Stripper so the cutter blades can cut into outer cover. (See figure 4-3).



Figure 4-3, Wire cut.

 Turn Wire Stripper off and again turn cutting blades so they can fully penetrate outer wire cover until they touch the wire. (See Figure 4-4)



Figure 4-4

• Turn Wire Stripper on for continued operation.



Figure 4-5 Cable wire finish cut.

F. Over tightening of cutting blades into WIRE will cut WIRE into short splinters and also damage cutting blades and other components.



SECTION FIVE MAINTENANCE and REPAIR

5.1 MAINTENANCE

- A. Check the following service points on a monthly basis:
 - Remove cover by removing two (2) cap screws and lock washers that secures the cover to the table top (see figurer 5-1).



Figure 5-1, Drive Yoke and Gears Cover

• Grease gears (see figure 5-2.



Figure 5-2 Spur Gears

SECTION FIVE MAINTENANCE and REPAIR

• Grease yokes and Slip Joint (see figure 5-3.)



Figure 5-3 Drive Yokes

 Cutter Blades (see figure 5-3). Inspect for damage such as flat spots or chipped out blade.



Figure 5-3, Cutter Blades

If you need any further help or assistance, or wish to order parts for the Wire Stripper please contact you distributor or the manufacturer:

Strip Technology, Inc.

3700 N. Commerce St Fort Worth, TX 76106 (800) 426-4126

SECTION SIX PARTS ILLUSTRATIONS

FIGURE 6-1, Cutter System

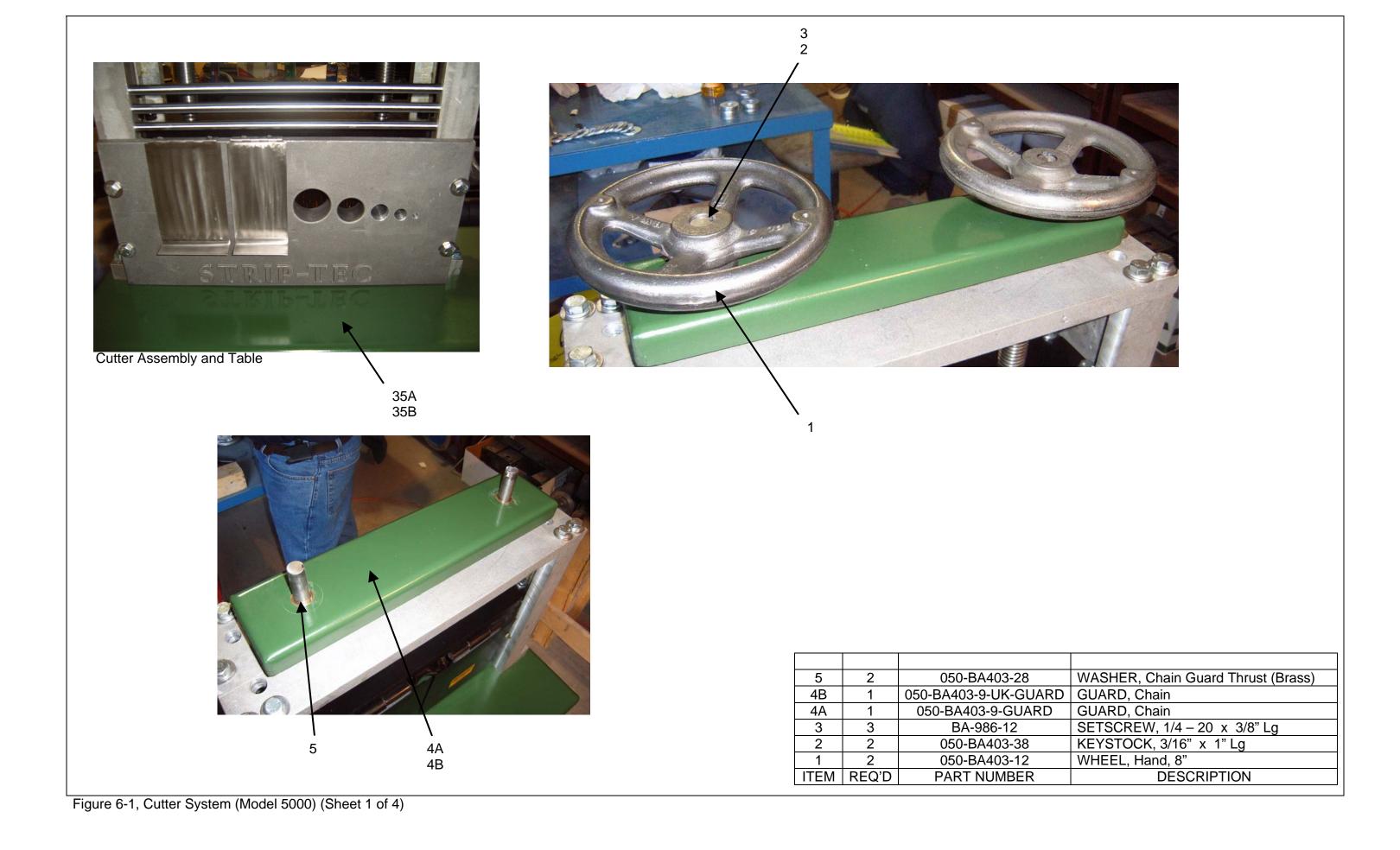
FIGURE 6-2, Drive System

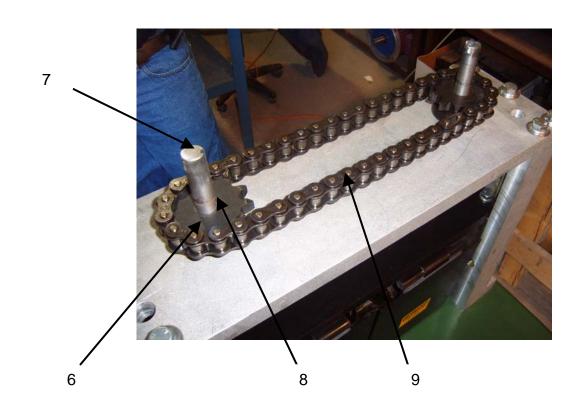
FIGURE 6-3, Electrical System – 3 - Phase - 220 volt

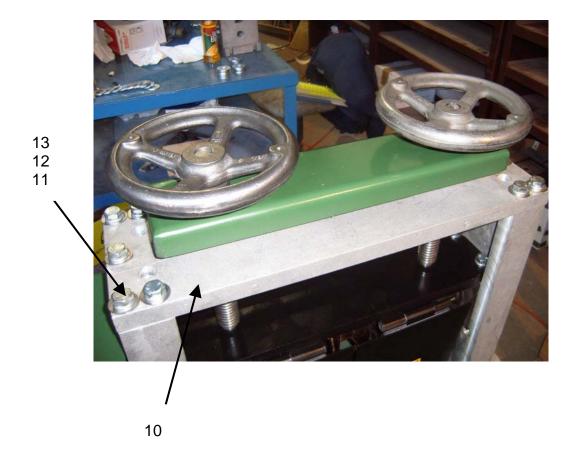
FIGURE 6-3A, Electrical System – 3 - Phase - 440 volt

FIGURE 6-4, Electrical System – Single Phase – 220 volt (Optional)

FIGURE 6-4A, Electrical System – Single Phase – 220 volt (Optional)



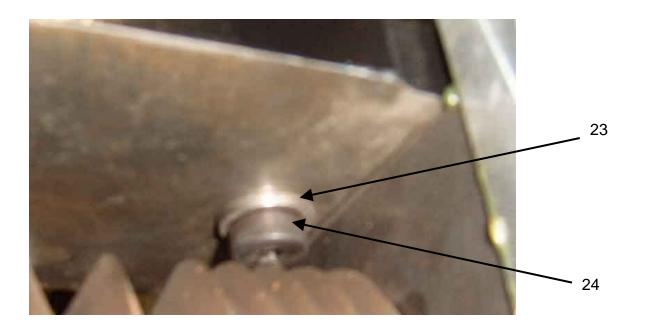


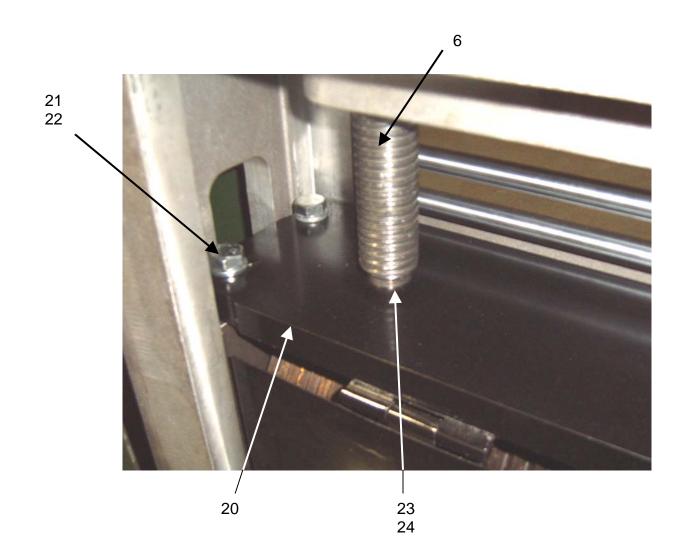


13	10	HHCS-1	CAPSCREW, Hx Hd., 1/2 – 13 x 2" Lg
12	10	LW-1	LOCKWASHER, 1/2
11	10	FW-7	FLATWASHER, 1/2
10	1	050-BA403-3	PLATE, Boss, Acme (Alum)
9A	1	050-BA403-33	MASTER LINK, Chain, #60
9	1	050-BA403-11	CHAIN, #60 x 33" Lg.
8	2	050-BA403-38	KEYSTOCK, 3/16" x 1" Lg
7	2	050-BA403-20	SCREW, Adjustment
6	2	050-BA403-10	SPROCKET (60-BS-12)
ITEM	REQ'D	PART NUMBER	DESCRIPTION

Figure 6-1, Cutter System (Model 5000)(Sheet 2 of 4)



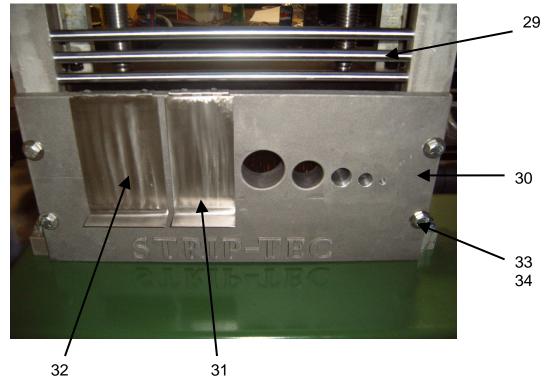


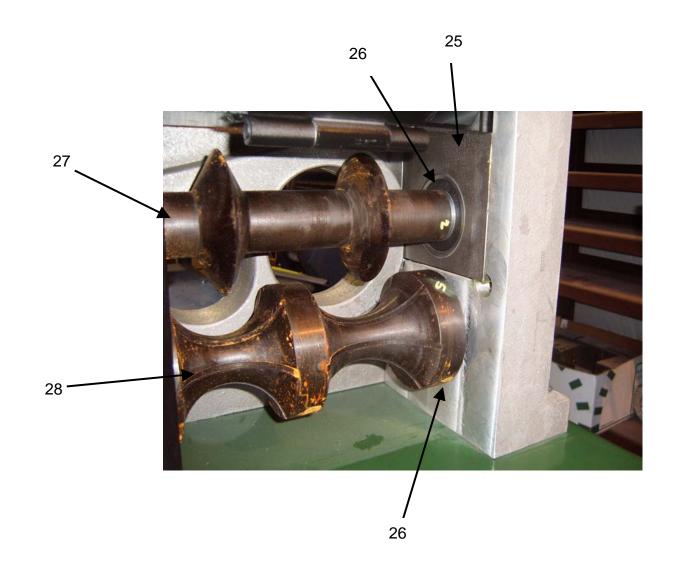


24	2	BA-986-41	BOLT, Shoulder, 3/8 - 16
23	8	BA-986-35	WASHER, Thrust (Torrington)
22	4	HHCS-1	CAPSCREW, Hx Hd., 1/2 – 13 x 2" Lg
21	4	FW-7	FLATWASHER, 1/2
20	1	050-BA403-25	PLATE, Push
19	6	HN-2	NUT, Hx, 5/8 – 11
18	6	LW-6	LOCKWASHER, 5/8
17	12	FW-6	FLATWASHER, 5/8
16	6	HHCS-7	CAPSCREW, Hx Hd., 5/8 – 11 x 3" Lg
15	1	050-BA403-2	FRAME, Side, Left (Alum)
14	1	050-BA403-1	FRAME, Side, Left (Alum)
ITEM	REQ'D	PART NUMBER	DESCRIPTION

Figure 6-1, Cutter System (Model 5000)(Sheet 3 of 4)

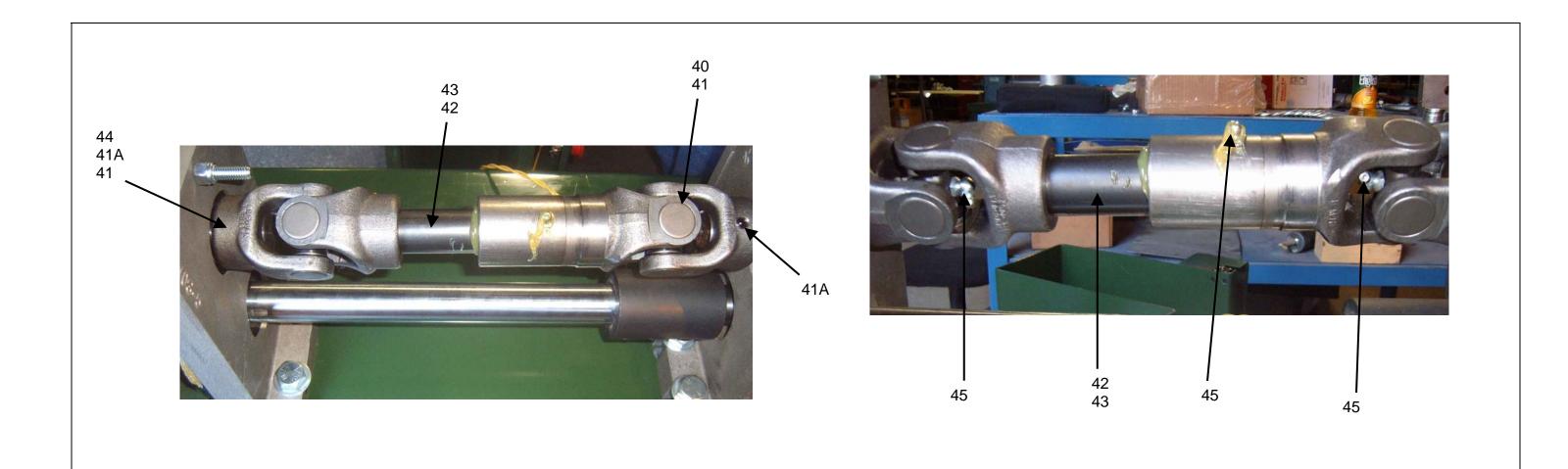


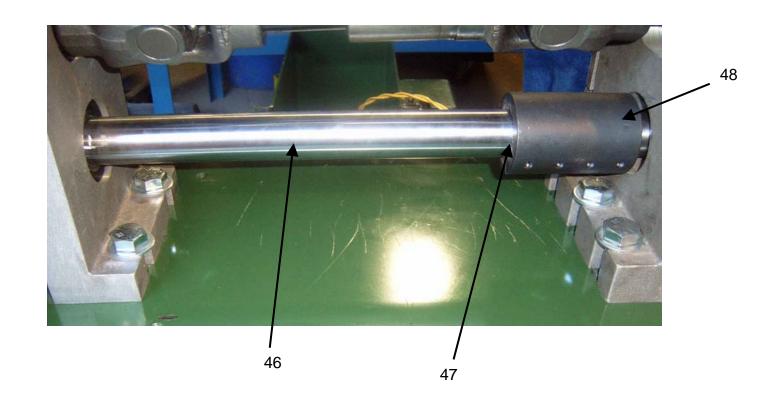




35B	1	050-BA403-9-UK-TABLE	TABLE
35A	1	050-BA403-9-TABLE	TABLE
34	4	HHCS-9	CAPSCREW, Hx Hd., 1/2 – 13 x 1-3/4 Lg
33	4	FW-7	FLATWASHER, 1/2
32	1	050-BA403-54	COVER, 4" Guide Hole w/Hinge
31	1	050-BA403-53	COVER, 3" Guide Hole w/Hinge
30	1	050-BA403-4	PLATE, Guide, Wire
29	3	050-BA403-55	ROD, Chrome, 5/8" x 20" Lg.
28	1	050-BA403-24	BLADE, Cutter, Bottom
27	1	050-BA403-23	BLADE, Cutter, Top
26	4	050-BA403-6	BEARING (50207 2RS)
25	2	050-BA403-26	PLATE, Bearing
ITEM	REQ'D	PART NUMBER	DESCRIPTION

Figure 6-1, Cutter System (Model 5000)(Sheet 4 of 4)





	1		
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		· · · · · · · · · · · · · · · · · · ·	
48	1	050-BA403-29	COUPLING (Stafford)
47	1	050-BA403-40	KEYSTOCK, 5/16 X 2-1/2" Lg
46	1	050-BA403-14	SHAFT, Drive, Bottom
45	3	BA-986-47	GREASE ZERT
44	1	050-BA403-16	YOKE, Closed
43	1	BA986-13A	KEYSTOCK, 5/16 x 5-1/2" Lg
42	1	050-BA403-13	SHAFT, Drive, Slip Yoke
41A	1	HHCS-16	SETSCREW, 3/8 – 16 x 3/8" Lg
41	1	BA986-46A	KEYSTOCK, 5/16 x 1" Lg
40	1	050-BA403-15	YOKE, Slip
ITEM	REQ'D	PART NUMBER	DESCRIPTION

Figure 6-2, Drive System (Model 5000) (Sheet 1 of 2)

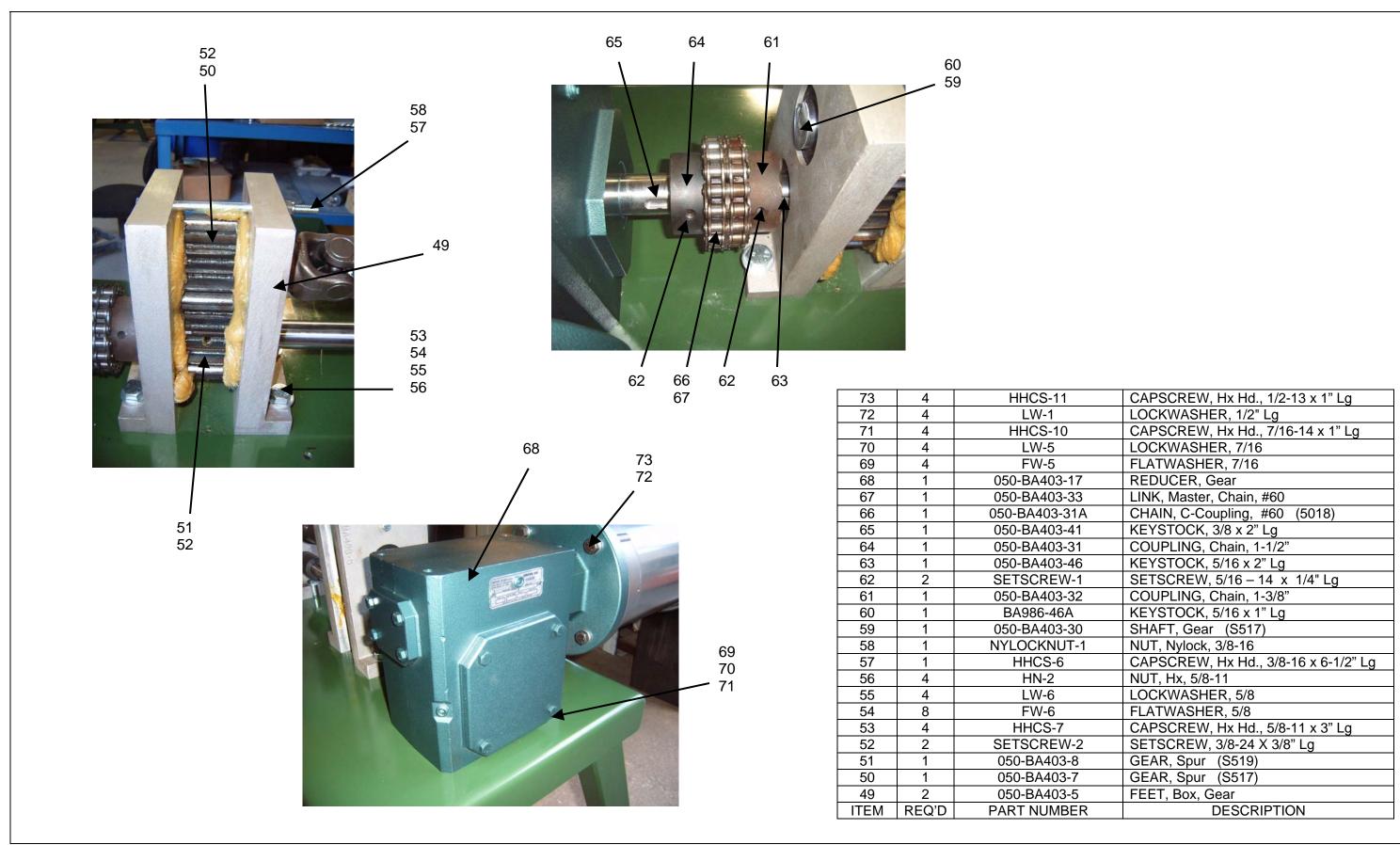


Figure 6-2, Drive System (Model 5000)(Sheet 2 of 2)

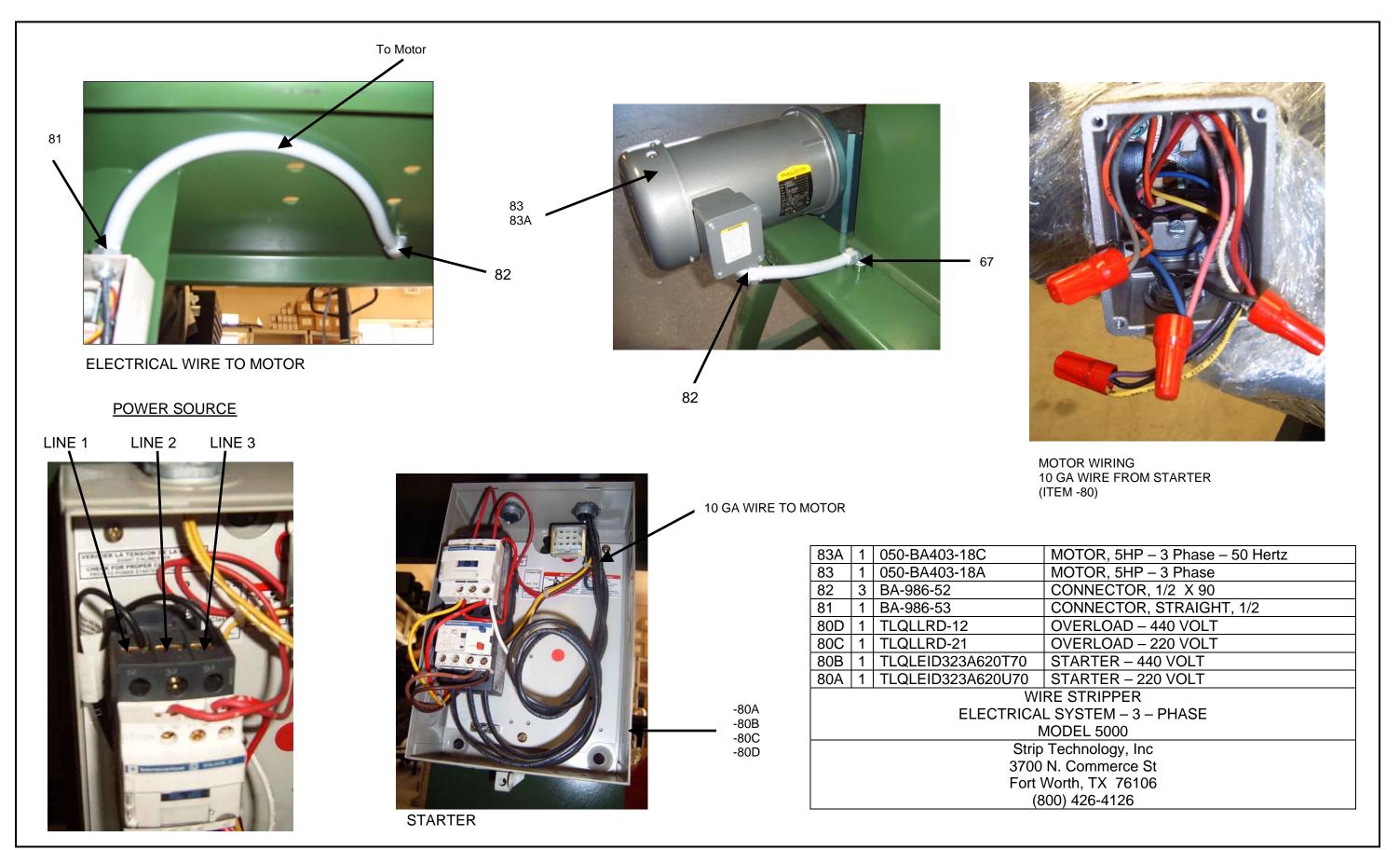
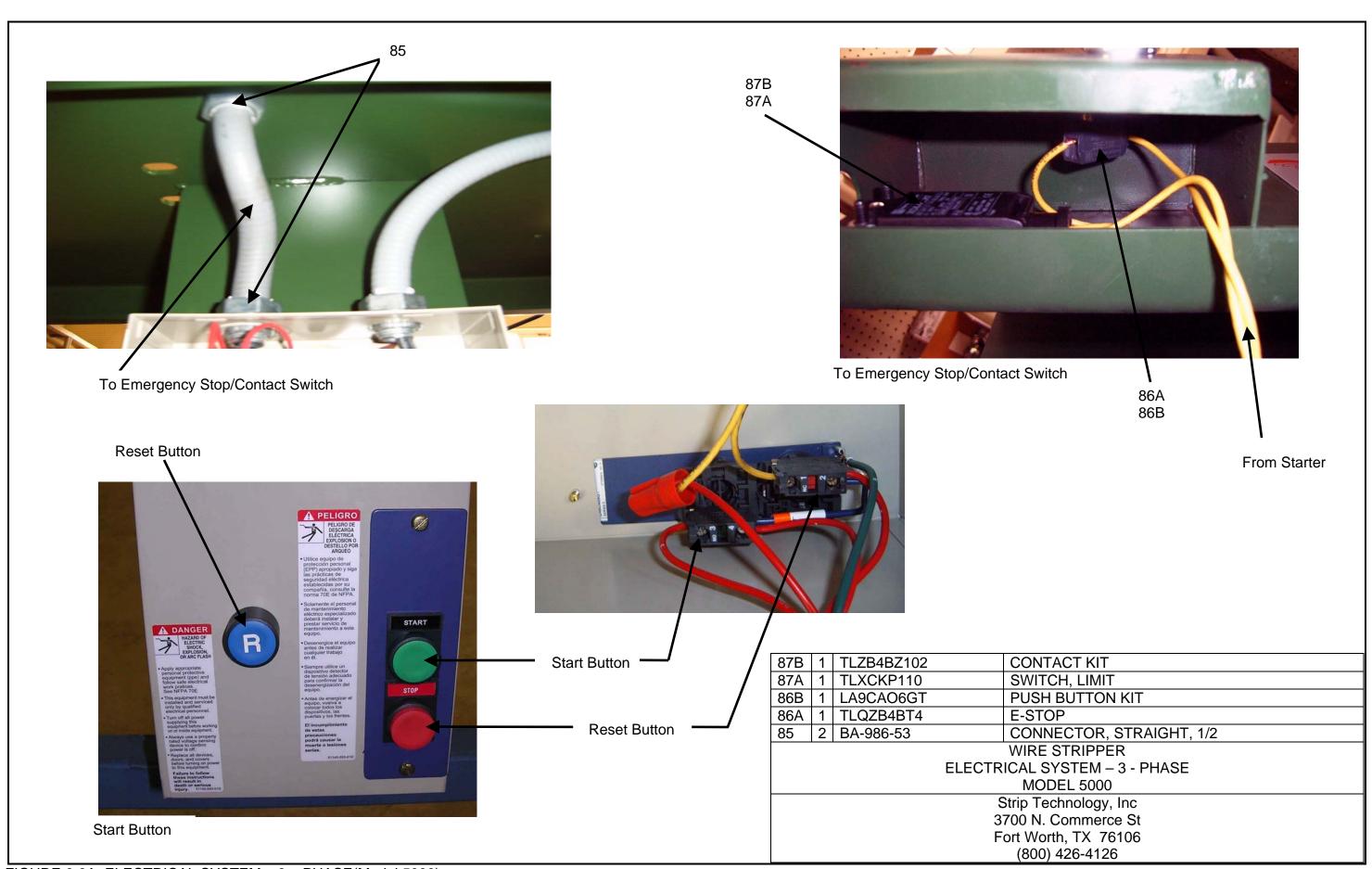


FIGURE 6-3, ELECTRICAL SYSTEM – 3 – PHASE(Model 5000)



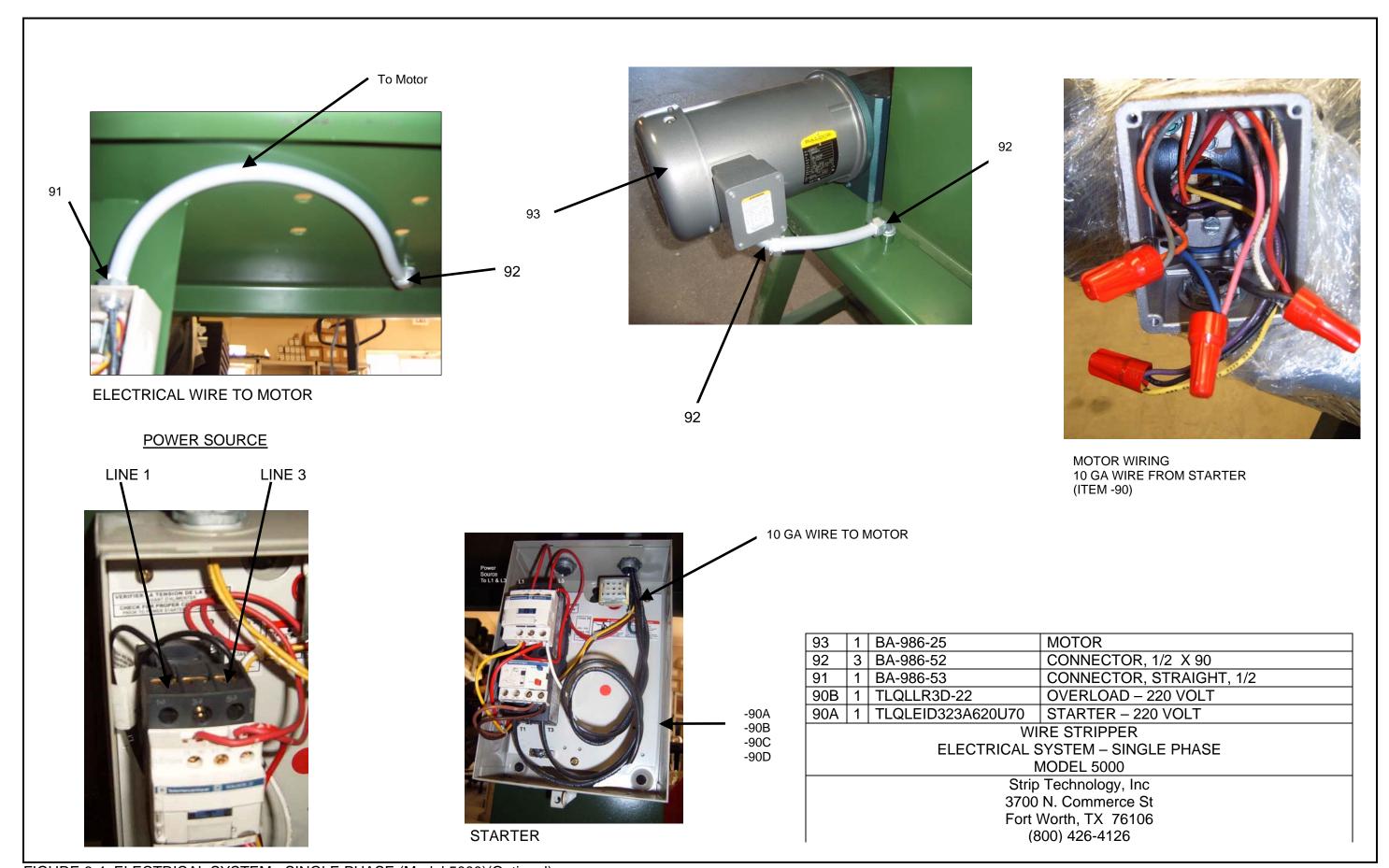


FIGURE 6-4, ELECTRICAL SYSTEM - SINGLE PHASE (Model 5000)(Optional)

