

# Major 5001 Wire Stripper



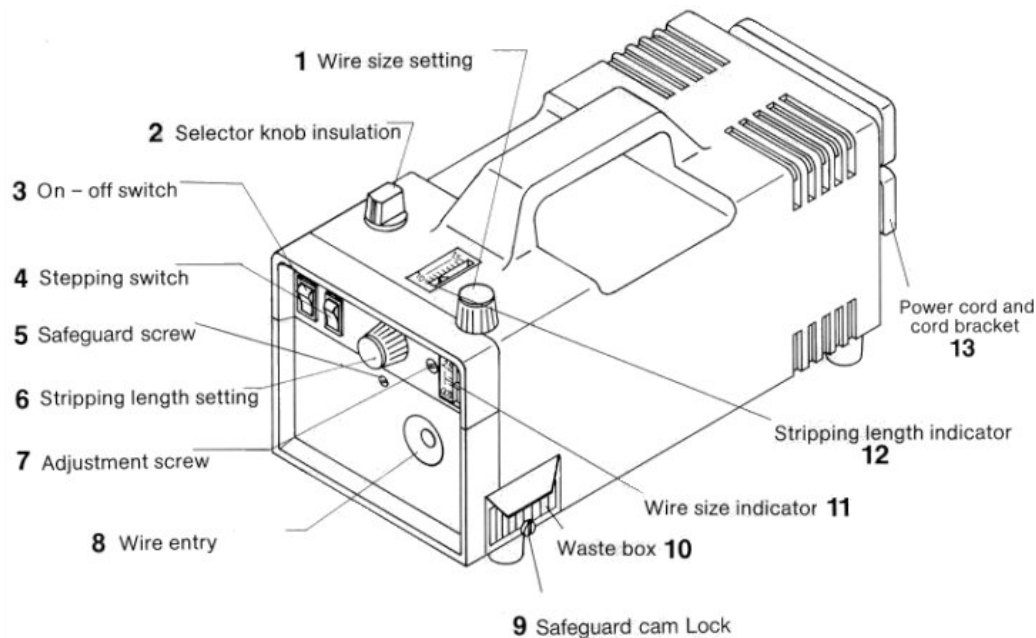
## Features

- Stripping of 14 to 30 awg wire without blade changes
- Complete or partial removal of the insulation
- Small space required 7" x 15"
- 120 VAC Power
- Virtually maintenance free
- Delivers clean cut every time
- Only 17 lbs.! Easily moved amongst work stations
- Plug & play in 3 simple steps (plug in, set wire gauge, set strip length)

## Specifications

Model Number	5001
Stripping Length	.062" - .400"
Stripping Range	30 – 14 awg
Maximum Insulation Dia.	.162"
Minimum Wire Length	.5" + Stripping Length
Strippable Wire	Teflon, PVC or Similar
Voltage	120 V
Current	4 Amps
Power Cord	Nema 5-15P
Weight	17 lbs
Dimensions	15"L x 7.75"W x 7.75"H

## 5001 OPERATING INSTRUCTIONS



### Wire Size Setting

The wire size is set by turning the yellow knob (1) Check wire size indicator (11) for reference.  
Remarks: The wire size indicator (11) is adjusted for wire with standard PVC insulation With non standard insulation, or if wire size is not known, the suitable setting must be established on a trial / error basis.  
It is recommended to start the setting from a larger size and then work down to the final setting.  
If insulation is cut too deep or not deep enough adjust the setting accordingly.

### Strip Length setting

The stripping length is set by turning the blue knob (6) Check stripping length indicator (12) for reference.

### Insulation removal setting

For complete stripping push selector knob (2) and turn to symbol



For partial removal of insulation push selector knob (2) and turn to symbol



### Insertion of wire

Insert wire horizontally into wire entry until it puts against stop  
Touching the stop actuates the stripping operation  
Remove stripped wire

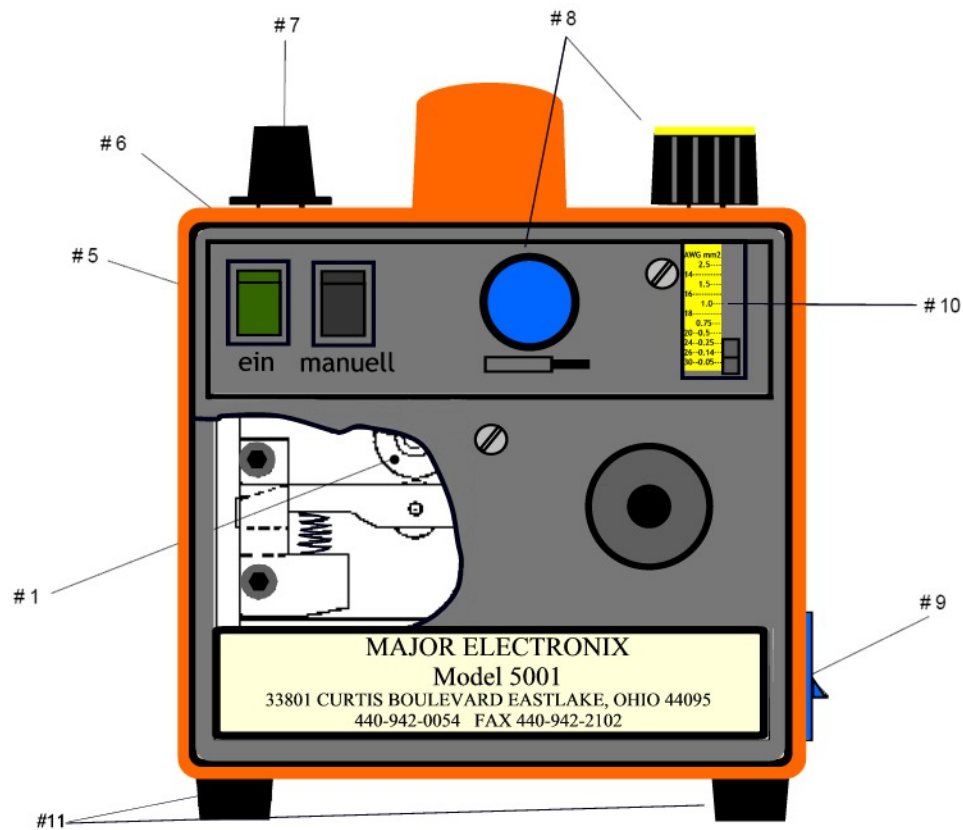
### Waste

The stripped insulation material is collected in the sliding box at the right side. The box has to be emptied from time to time  
When the machine is extensively used it can be more practical to work without the waste box

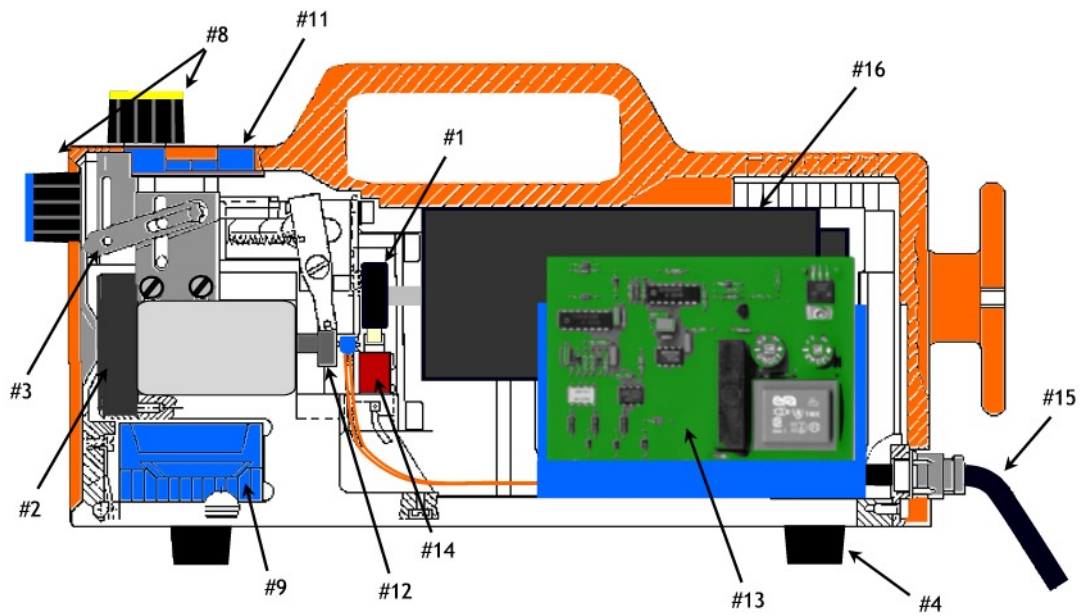
## 5001 FULL SERVICE REPAIR CENTER

### INSTRUCTIONS FOR REPAIR

1. Ship unit with a full description of machines malfunctions.
2. Be sure to package machine in original shipping container or bubble wrap completely.
3. Include contact person, contact information, and return shipping address.
4. The machine will be evaluated and a repair amount will be given.
5. Before any work is performed a purchase order must be issued.


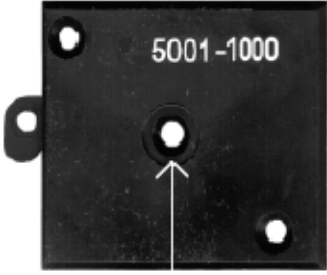


**Drawing #1**




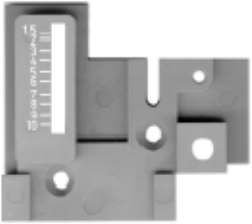



**Drawing #2**

## PARTS LIST

<p><b>DRAWING #1 &amp; 2 FIG# 1</b></p> <p><b>PART NUMBER</b> 5001 – 7000</p> <p><b>DESCRIPTION</b> CLAMPING CAM KIT – Clamping, Stripping, Cutting &amp; Stopping Cam</p> <p><b>LOCATION</b> On cam shaft</p>	
<p><b>DRAWING #1 &amp; 2 FIG# 2</b></p> <p><b>PART NUMBER</b> 5001 – 1000</p> <p><b>DESCRIPTION</b> CLAMPING HEAD .160 (STANDARD)</p> <p><b>LOCATION</b> Just behind front cover at wire entry</p>	

<p><b>DRAWING #2 FIG# 3</b></p> <p><b>PART NUMBER</b> 5001 - 8001</p> <p><b>DESCRIPTION</b> WIRE GAUGE GRAY POINTER</p> <p><b>LOCATION</b> Plastic pointer at yellow awg guide</p>	
<p><b>DRAWING #1 FIG# 4</b></p> <p><b>PART NUMBER</b> 5001 - 4100</p> <p><b>DESCRIPTION</b> PLASTIC MACHINE FEET (4)</p> <p><b>LOCATION</b> Bottom of machine</p>	
<p><b>DRAWING #1 FIG# 5</b></p> <p><b>PART NUMBER</b> 5001 - 0001</p> <p><b>DESCRIPTION</b> ON/OFF SWITCH</p> <p><b>LOCATION</b> Lighted Switch at front of machine</p>	
<p><b>DRAWING #1 FIG# 6</b></p> <p><b>PART NUMBER</b> 50010002</p> <p><b>DESCRIPTION</b> MANUAL SWITCH</p> <p><b>LOCATION</b> Unlighted Switch at front of machine</p>	
<p><b>DRAWING #1 FIG# 7</b></p> <p><b>PART NUMBER</b> 5001 - 014</p> <p><b>DESCRIPTION</b> INSULATION KNOB</p> <p><b>LOCATION</b> Facing the machine the knob on the top left</p>	

<p><b>DRAWING #1 &amp; 2 FIG# 8</b></p> <p><b>PART NUMBER</b> 5001 - 0013</p> <p><b>DESCRIPTION</b> STRIP DIAMETER / STRIP LENGTH KNOB</p> <p><b>LOCATION</b> Facing the machine the knob on the top right (yellow cap) &amp; also front center (blue cap)</p>																			
<p><b>DRAWING #1 &amp; 2 FIG# 9</b></p> <p><b>PART NUMBER</b> 5001 - 2000</p> <p><b>DESCRIPTION</b> BLUE SCRAP DRAWER</p> <p><b>LOCATION</b> Facing the machine the blue drawer on the right side of the machine</p>																			
<p><b>DRAWING #1 FIG# 10</b></p> <p><b>PART NUMBER</b> 5001 - 4006</p> <p><b>DESCRIPTION</b> STRIP DIAMETER GAUGE</p> <p><b>LOCATION</b> Facing the machine the yellow gauge guide on the right front</p>	 <table border="1" data-bbox="1068 1039 1193 1243"> <thead> <tr> <th>AWG</th> <th>mm</th> </tr> </thead> <tbody> <tr><td>14</td><td>2.5</td></tr> <tr><td>16</td><td>1.5</td></tr> <tr><td>18</td><td>1.0</td></tr> <tr><td></td><td>0.75</td></tr> <tr><td>20</td><td>0.5</td></tr> <tr><td>24</td><td>0.25</td></tr> <tr><td>26</td><td>0.16</td></tr> <tr><td>30</td><td>0.05</td></tr> </tbody> </table>	AWG	mm	14	2.5	16	1.5	18	1.0		0.75	20	0.5	24	0.25	26	0.16	30	0.05
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<p><b>DRAWING #2 FIG# 11</b></p> <p><b>PART NUMBER</b> 5001 - 4002</p> <p><b>DESCRIPTION</b> STRIP LENGTH GAUGE</p> <p><b>LOCATION</b> Facing the machine the blue gauge guide on the top of machine</p>																			
<p><b>DRAWING #2 FIG# 12</b></p> <p><b>PART NUMBER</b> 5001 - 5000</p> <p><b>DESCRIPTION</b> TWO WIRE SENSOR</p> <p><b>LOCATION</b> Located inside the back section of the cutting head, has a 2 contact connection attached.</p>																			

<p><b>DRAWING #2 FIG# 13</b></p> <p><b>PART NUMBER</b> 5001 - 0401</p> <p><b>DESCRIPTION</b> CIRCUIT BOARD</p> <p><b>LOCATION</b> Circuit board located in the back right section of machine</p>	
<p><b>DRAWING #2 FIG# 14</b></p> <p><b>PART NUMBER</b> 5001MICRO</p> <p><b>DESCRIPTION</b> SNAP SWITCH</p> <p><b>LOCATION</b> This switch has a roller and is located just under the black stop cam near the motor shaft.</p>	
<p><b>DRAWING #2 FIG# 15</b></p> <p><b>PART NUMBER</b> 5001 - NEMA</p> <p><b>DESCRIPTION</b> 120V POWER CORD – 6' 7" LENGTH</p> <p><b>LOCATION</b> Cord attached to back of machine</p>	
<p><b>DRAWING #2 FIG# 16</b></p> <p><b>PART NUMBER</b> 5001 - 0051</p> <p><b>DESCRIPTION</b> MOTOR &amp; CLUTCH ASSEMBLY</p> <p><b>LOCATION</b> Located in the back left of the machine</p>	

<p><b>FIG# NA</b></p> <p><b>PART NUMBER</b> 5001 - 30021</p> <p><b>DESCRIPTION</b> BLADE SET (4 blades &amp; 4 Screws)</p> <p><b>LOCATION</b> Located on the cutting head behind front cover &amp; clamping head</p>	
<p><b>FIG# NA</b></p> <p><b>PART NUMBER</b> 5001 - 8000</p> <p><b>DESCRIPTION</b> WIRE LENGTH ARM GREY</p> <p><b>LOCATION</b> Located just under the blue wire length gauge plate</p>	
<p><b>FIG# NA</b></p> <p><b>PART NUMBER</b> 5001 - 9001</p> <p><b>DESCRIPTION</b> BLUE PLASTIC POINTER HOLDER</p> <p><b>LOCATION</b> Located in the front right side of the machine</p>	
<p><b>FIG# NA</b></p> <p><b>PART NUMBER</b> 5001 - 8001</p> <p><b>DESCRIPTION</b> WIRE GAUGE GRAY POINTER</p> <p><b>LOCATION</b> Located on the wire length spindle at the front of machine just under blue wire length gauge</p>	