

# Eubanks

## MODEL 4040-05 HEAVY-DUTY LARGE CABLE PNEUMATIC STRIPPER

*New, Extended Capacity!*



SHOWN WITH OPTIONAL 2 OTT MODIFICATION KIT

The 4040 is as powerful as the 2940 and is the most flexible of the air strippers. Equipped with very powerful tandem-cutterheads that are controlled independently, allows you to strip up to 100” on the leading end and 4” on the trailing end. The 4040 is ideal for processing power cords and will also process automotive battery cables or welding cable. Equipped with the standard tooling, the 4040 can cut and strip single stranded conduct wires ranging from 10 to 2 AWG, with a maximum O.D. of .480” (12mm). With optional tooling and modification kits, the 4040 can process wires down to 18 AWG (0.96 mm<sup>2</sup>) and up to 2/0, also known as Two Ott cable with a Max Diameter of .625” (15.9mm). The 4040 can also process a wide variety of cable types such as flat multi-conductor cable, parallel conductor cables with 2, 3 or 4 conductors, coaxial cable. It can process wire lengths from 3 in. to 8,333 feet (76.2mm to 2,540m) basically a mile and a half.

The 4040 cuts and strips both ends of the wire or cable in a single cycle in normal operation mode. When activating the long strip function, the right cutter head will strip up to 100” (254cm) in desired sectional stripping lengths. The left Cutterhead strips the trailing end up to a maximum length of 4” (102mm). The 4040’s production screen can display the estimated pieces per hour being produced at the current feed speed. The production screen also displays an estimated time of completion.

### User Friendly Programming

The 4040 is microprocessor-controlled, highly reliable, and easy to operate. It stores up to 1,000 programs containing separate wire length, batch quantity profiles. The 4040 has built in wire marking controls for pairing with a Eubanks wire marker. From its console, the operator can select and run programs, step the machine through a complete cycle, and switch from single- to multiple-action. It can easily be converted from inch to metric measurements via the machine’s keyboard. It also has self-diagnostics. It also has length correction compensating fields designed to fine tune to the best length tolerance possible.

### High-Precision

Our pneumatic strippers use unique hand machined precision die blades and blocks. These setups will last years and deliver the best quality strip available. During the strip function, the blades butt-up against one another cutting perfectly around the circumference of the conductor. During the pull to strip, the insulation is held by perfectly by both top and bottom strip blades giving a perfect linear pull when stripping. The result is a perfect 180° square cut of the insulation without any damage to the conductor.

We design and manufacture all our own blades using our proprietary processes. These processes assure high-precision performance over a long service life. This is where Eubanks clearly excels. We can design special tooling to do cut, strip and slit on parallel wires and offset stripping. Customers have learned to rely on our extensive strip-blade expertise as they adapt to new insulations and tough applications.

SPECIFICATIONS			BLADES	ACCESSORIES
WIRE SIZE	10 to 2 AWG (5.2mm <sup>2</sup> up to 33.6mm <sup>2</sup> ) with Standard Equipped Tooling and when using optional Modification Kits and tooling capacity is extended down to 18 AWG (0.96mm <sup>2</sup> ) and up to 2/00, with max O.D. up to 0.625" (68.9mm <sup>2</sup> ) Can also process Multi-Conductor Cable, Flat Cable, Parallel Conductor Cable using special tooling.		<ul style="list-style-type: none"><li>Die Blades</li><li>Precision Die Blades</li><li>Precision Ground Die Blades</li><li>Flat Square Blades</li><li>Precision Oval Blades</li><li>Precision 2, 3 &amp; 4, Parallel Conductor Blades</li></ul>	<ul style="list-style-type: none"><li><b>6880-05</b> Heavy-Duty Belt Prefeed. 120lbs (54kg) Max. Load.</li><li><b>6880-05 Modified</b> Heavy-Duty Belt Prefeed with Modification Kits for Pulling 300lbs (136kg) Reels</li><li><b>6835-01</b> Heavy-Duty Large Reel Stand 300lbs (136kg) Max. Load</li><li><b>16110-03</b> Motorized 12" Coiling Pan</li><li><b>16110-05</b> Motorized 14" Coiling Pan</li><li><b>6650-01</b> Eight Foot Long Automatic Wire Stacker for wires up to .470" O.D.</li><li><b>17242</b> All Welded Steel 48" W X 24" D X 32" H Machine Table</li></ul>
WIRE LENGTH	<b>Minimum Length:</b> 3" (76.2mm) with ½" long strips on each end. <b>Maximum Length:</b> 99,999,99 Inch (999,999,9mm)			
STRIP LENGTH	<b>Minimum Strip Length:</b> .125" x .125" (3.2mm x 3.2mm) with Standard Strip Block <b>Maximum Full strip:</b> 1" x 1" (25mm x 25mm) Full strip is not recommended. <b>Semi-strip:</b> combined strip lengths adding to 9" (228.6mm) <b>Maximum gap displacement or semi-strip:</b> 1" (25mm) <b>Maximum Strip length on Lead End:</b> 100" using long strip mode <b>Maximum Strip Length on Trail End:</b> 4" using long strip mode		<ul style="list-style-type: none"><li>A universal inch or metric Standard Increment Blocks</li><li>Custom Closed Blocks with specified strip combinations</li><li>Custom Flat Cable Strip Blocks</li><li>Custom Multi-Stage Stripping and Offset Stripping Blocks</li><li>Strip and Slit Blocks for parallel conductor wires</li></ul>	<ul style="list-style-type: none"><li><b>17242</b> All Welded Steel 48" W X 24" D X 32" H Machine Table</li></ul> <b>OPTIONAL KITS</b> <ul style="list-style-type: none"><li><b>16504-04</b> Spare Parts Kit</li><li><b>17156-01</b> 3/16" Small Wire Modification Kit. For 18 - 10AWG (0.96 mm<sup>2</sup> to 5.3mm<sup>2</sup>)</li><li><b>18362-02</b> 2 Ott Modification Kit For processing extra large wires from 1 AWG and up to 2/00 AWG with a maximum O.D. of .625" (68.9mm<sup>2</sup>)</li></ul>
BATCH SIZE	0 to 99,999			
PROGRAMMING	<b>1000</b> program storage capacity numbered 0 to 999. <b>Multi-program sequencing:</b> Up to 1,000 programs may be chained together as one sequence. Can have as many sequences as 1,000 program limits will allow. <b>Programming Options:</b> <b>Units of Measure:</b> Inch or Metric <b>Run Modes:</b> Step Cycle, Display Options, Motor On/Off, Encoder Count or Production rate and time of completion.			
CONTROLS	Heavy-Duty 21-key tactile feedback keyboard			
DISPLAY	Antiglare, Vacuum fluorescent (2 lines x 40 characters)			
WIRE MARKING	Controls included: End-marking, Zone-marking, Continuous-marking, Mark dwell time.			
STANDARD TOOLING	Left and Right Strip Assemblies 1/2" I.D., (1) Feedroll Assembly, (2) Six Piston HD Cutter Heads, (1) Blade Set & (1) Strip Block and Loose Parts & Tooling Kit			
EXISTING TOOLING	Existing Strip Blocks and Blades from previous models can be adapted.			
POWER REQUIREMENTS	115 VAC, 10 A, 50/60 Hz or 230 VAC, 7 A, 50/60 Hz			
AIR REQUIREMENTS	120 psi @ 24 CFM (690 kPa @ 12 l/s) Main air regulator and lubricator supplied.			
CERTIFICATION	CE			
DIMENSIONS	48 in. W x 20 in. D x 15 in. H. (1,220mm W x 510mm D x 380mm H).			
WEIGHT	<b>Net:</b> 190 lbs (87kg). <b>Shipping:</b> 240 lbs (110 Kg)			
<b>ESTIMATED PRODUCTION RATES</b> Production rates vary with wire type, insulation, wire length, wire size, strip length, feed speed, line air pressure, and machine delay settings.				
<b>WIRE LENGTH</b>		<b>PIECES PER HOUR</b>		
5 inch (102mm)		4,300 Pieces Per Hour		
10-inch (254mm)		3,300 Pieces Per Hour		
100-inch (2,540mm)		1,900 Pieces Per Hour		

### CAPACITY

.120” (5.3mm<sup>2</sup>)  
to .480” (33.6mm<sup>2</sup>) Max. O.D.  
with standard tooling. With  
optional tooling kits capacity is  
extended from .072” (.96mm<sup>2</sup>)  
to  
.625” (69mm<sup>2</sup>)  
Multi-strip functions are cable  
dependent and require  
special tooling

### Single Stranded Conductor



10 to 2 AWG (33.6mm<sup>2</sup>)  
with optional tooling kits  
18 to 2/0 AWG (68.9mm<sup>2</sup>)

### Solid Conductor



Up to 10 AWG(5.3mm<sup>2</sup>)

### 1 or 2 Stage Strip Multi-Conductor



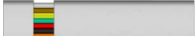
.480” (12mm) Max. O.D.  
And with optional tooling kits  
.625” (15.9mm) Max. O.D.

### Strip and Slit Parallel Conductor



.480” (12mm) Max Width

### Flat Cable



.480” (12mm) Max Width

### 1 or 2 stage strip COAX



(Cable Dependent Send Sample)