

# Eubanks

## MODEL 2745-05 STEEL CABLE PNEUMATIC CUTTER-STRIPPER



Small steel cables also known as steel rope are used for everything from automotive clutches to Bicycle breaking systems to electronic security devices in retail stores. The problem is processing steel cable and maintaining the quality of the strips is extremely difficult. Even when processing the smallest of steel cables this can cause stress and damage to most electric stripper's blades and motors. There are many dynamics that happen to metals during the cut process. These dynamics are like micro explosions that generate heat and can cause metal warping and metal damage. Eubanks has found a solution with the 2745-05 and its special exclusive steel processing tooling. The tooling is designed to cut and withstand the dynamic stresses and heat generated when cutting steel cables for prolonged periods.

Equipped with the standard tooling, the 2745-05 can cut and strip soft solid and soft stranded steel cables up to a maximum O.D. of .125" (3.2mm).

### Speed

The 2745-05 cuts and strips both ends of the wire or cable in a single cycle and does this at blinding speeds. The 2745-05'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. The heavy-duty 2745-05 is the perfect unit for cutting and stripping **soft steel cables**.

### User Friendly Programming

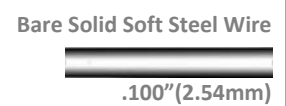
The 2700 is microprocessor-controlled, highly reliable, and easy to operate. It stores up to 1,000 programs containing separate wire length, batch quantity, and wire mark spacing parameters. The 2700 has built-in wire marking controls for pairing a wire marker. From its console, the operator can select 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 can display in 6 different languages and also has self-diagnostics. It also has length correction compensating fields designed to fine-tune to the best exact length tolerance possible.

### High-Precision

Our pneumatic strippers use unique hand-machined precision die blades and blocks. These setups 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 end 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 also offset stripping. Customers have learned to rely on our extensive strip-blade expertise as they adapt to new insulations and tough applications.

**CAPACITY**  
 .125"(3.2mm) Max. O.D.  
 Cable Dependent  
 30-40 foot long  
 cable sample required



SPECIFICATIONS		OPTIONAL KITS	BLADES	ACCESSORIES
<b>WIRE SIZE</b>	.020" up to .125" max. O.D. with Standard Equipped Tooling	<ul style="list-style-type: none"> <li>16504-01 Spare Parts Kit</li> </ul>	<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>6880-03 (for bare steel cable) Heavy-Duty Steel Roller Prefeed. 120lbs (54kg) Max. Load.</li> <li>6880-05 (for plastic coated steel) Heavy-Duty Belt Prefeed. 120lbs (54kg) Max. Load.</li> <li>6880-05 Modified Heavy-Duty Belt Prefeed with Modification Kits for Pulling 300lbs (136kg) Reels</li> <li>6835-01 Heavy-Duty Large Reel Stand 300lbs (136kg) Max. Load</li> <li>67200-10 Wire Marker</li> <li>16110-03 Motorized 12" Coiling Pan</li> <li>16110-05 Motorized 14" Coiling Pan</li> <li>6650-01 Eight Foot Long Automatic Wire Stacker for wires up to .470" O.D.</li> <li>17242 All Welded Steel 48"W X 24"D X 32"H Machine Table</li> <li>17244-01 17242 Table equipped with air accumulator tank.</li> </ul>
<b>WIRE LENGTH</b>	<b>Minimum Length:</b> 3" (51mm). <b>Maximum Length:</b> 99,999,99 (999,999,9mm)			
<b>STRIP LENGTH</b>	<b>Full strip:</b> Not available <b>Minimum Semi-strip:</b> .375" x .375" (9.5mm x 9.5mm) <b>Maximum Semi-strip</b> 1.312" x 1.312" (33mm x 33mm) or any strip combination totaling 2.624" (66mm)			
<b>BATCH SIZE</b>	0 to 99,999			
<b>PROGRAMMING</b>	1000 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> Languages, English, Spanish, Swedish, German, French and Italian, <b>Units of Measure:</b> Inch or Metric <b>Run Modes:</b> Step Cycle, Display Options, Motor On/Off			
<b>CONTROLS</b>	Heavy-Duty 21-key tactile feedback keyboard			
<b>DISPLAY</b>	Anti-Glare, Vacuum fluorescent (2 lines x 40 characters)			
<b>WIRE MARKING</b>	Controls included: End-marking, Zone-marking, Continuous-marking, Mark dwell time			
<b>STANDARD TOOLING</b>	Wire Straightener. 3/16" I.D. Left and Right Strip Assemblies. 5/16" I.D. Feedroll Assembly, Six HD Piston Cutter Head, (1) Blade & Strip Block Tooling Setup and Loose Parts Tooling Kit			
<b>EXISTING TOOLING</b>	Existing Copper Wire Strip Blocks and Blades from previous models can be adapted.			
<b>POWER REQUIREMENTS</b>	115 VAC, 10 A, 50/60 Hz or 230 VAC, 7 A, 50/60 Hz			
<b>AIR REQUIREMENTS</b>	120 psi @ 24 CFM (690 kPa @ 12 l/s). Main air regulator and lubricator supplied.			
<b>CERTIFICATION</b>	CE			
<b>DIMENSIONS</b>	48 in. W x 20 in. D x 15 in. H. (1,220mm W x 510mm D x 380mm H).			
<b>WEIGHT</b>	<b>Net:</b> 190 lbs (87kg). <b>Shipping:</b> 235 lbs (106.6 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>			
4 inch (102mm)	9,000 Pieces Per Hour			
10 inch (254mm)	7,200 Pieces Per Hour			
20 inch (508mm)	5,500 Pieces Per Hour			
100 inch (2,540mm)	1,500 Pieces Per Hour			