

Eubanks

MODEL 2700-05 PRECISION HIGH-SPEED PNEUMATIC STRIPPER



Our flagship pneumatic stripper, the 2700, is a high-speed machine that can handle most anything you can throw at it. Equipped with the standard tooling, the 2700 can cut and strip solid and stranded conductor wires ranging from 22 AWG (0.38mm²) up to 10 AWG (6mm²). With optional tooling and modification kits, the 2700 can process wires from 32 (0.03 mm²) to 8 AWG (8.6mm²), with a max. O.D. of .290 in. (7.4mm). The 2700 can also process a wide variety of cable types such as round or flat multi-conductor cable, parallel conductor cable with 2, 3 or 4 conductors, coaxial cable, and fiber optic cable made of plastic or glass and even with Kevlar reinforced fibers. It’s so flexible that it can process wire lengths from .5 in. to 8,333 feet (13mm to 2540m).

Speed

The 2700 cuts and strips both ends of the wire or cable in a single cycle and does this at blinding speeds up to 10,300 pieces per hour. The 2700’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. Because it does so much, the AirStrip 2700 is our most popular pneumatic stripper.

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 build 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.

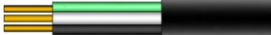
CAPACITY


Special tooling is required for Multi-stage stripping. Multi-strip functions are cable dependent.
.290” (7.4mm) Max. O.D. or Width on all wires and cables

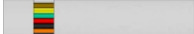
Single Stranded Conductor


32 to 8 AWG (22mm²)

Solid Conductor

32 to 10 AWG(3.3mm²)


1 or 2 Stage Strip Multi-Conductor

.290” (7mm) Max. O.D.

Strip and Slit Parallel Conductor

.290”(7mm) Max Width

Flat Cable

.290”(7mm) Max Width

1 or 2 stage strip COAX

(Cable Dependent)

Kevlar Reinforced Fiber Optic


Offset Stripping

(Wire Dependent)

SPECIFICATIONS		OPTIONAL KITS	BLADES	ACCESSORIES	
WIRE SIZE	22 to 10 AWG (0.38mm ² to 5.3mm ²) with Standard Equipped Tooling 32 to 8 AWG (0.03 mm ² to 8.6mm ²) and Multi-Conductor Cable, Flat Cable, Parallel Conductor Cable up to .290” (7mm) using optional Modification Kits and Special tooling.	<ul style="list-style-type: none">• 16504-01 Spare Parts Kit• 17239-01 Kit Strip Block Air Jet Feed• 16621-01 1/8” Small Wire Modification Kit. For 32 to 22 AWG (0.03 mm² to 0.38mm²) wires• 16631-01 1/4” Large Wire Modification Kit. For 12 to 8 AWG (3.3 mm² to 8.6mm²) wires up to .230” (5.8mm) O.D. or width.• 16632-01 1/4" Heavy-Duty large Wire Modification Kit with Dual Piston Cutter head For wires and cables up to .230” (5.8mm) O.D. or width.• 16635-01 5/16” Heavy-Duty Modification Kit with Dual Piston Cutter Head for wires and cables up to .290” (7mm) O.D. or width.• 17318-01 5/16” Heavy-Duty Modification Kit. With Dual Piston Cutter Head and 1/2" I.D. Strip Assemblies for wires and cables up to .290” (7mm) O.D. or width.• 17320-01 5/16” Heavy-Duty Modification Kit. With ½” Strip Assemblies for wires and cables up to .290” (7mm) O.D. or width.• Kevlar & Fiberglass Shear Package (Call for more Information)	<ul style="list-style-type: none">• V-Blades• Radius V-Blades• Die Blades• Precision Die Blades• Precision Ground Die Blades• Flat Square Blades• Precision Oval Blades• Precision 2, 3 & 4, Parallel Conductor Blades	<ul style="list-style-type: none">• 6815-05 Standard Belt Prefeed 60 Lbs (27 kg) Max. Load• 6880-05 Heavy-Duty Belt Prefeed. 120 lbs (54 kg) Max. Load.• 6880-05 Modified Heavy-Duty Belt Prefeed with Modification Kits for pulling up to 300Lb (136 kg) Reels• 6835-01 Heavy-Duty Large Reel Stand 300 Lb (136kg) Max. Load• 67200-10 Wire marker• 16110-03 Motorized 12” Coiling Pan• 16110-05 Motorized 14” Coiling Pan• 6650-01 Eight Foot Long Automatic Wire Stacker• 17242 All Welded Steel 48”W X 24”D X 32”H Machine Table• 17244-01 17242 Table equipped with air accumulator tank.	
WIRE LENGTH	Minimum Length: .438” (11mm) with a Min. of .313”(8mm) of insulation left. Maximum Length: 99,999,99 (999,999,9mm)		STRIP BLOCKS		
STRIP LENGTH	Minimum Strip Length: .125” x .125” (3mm x 3mm) with Standard Strip Block .050”x .050” (1.3mm x 1.3mm) using Special Tooling Maximum Full or Semi Strip Length: .375” x .375”(9mm x 9mm) on Stranded Conductor Wire 1.562” x 1.562”(40mm x 40mm) on Solid Conductor Wire		<ul style="list-style-type: none">• Universal inch or metric Standard Increment Blocks• Custom Closed Blocks with specified strip combinations• Custom Flat Cable Strip Blocks• Custom Multi-Stage Stripping and Offset Stripping Blocks• Custom Strip Blocks for Small wire with Air Jet Feed		
BATCH SIZE	0 to 99,999				
PROGRAMMING	1000 Program storage capacity, numbered 0 to 999. Multi-program sequencing: Up to 1,000 programs may be chained together as one sequence. Can have as many sequences as 1,000 program limits will allow. Programming Options: Languages, English, Spanish, Swedish, German, French and Italian, Units of Measure: Inch or Metric Run Modes: Step Cycle, Display Options, Motor On/Off				
CONTROLS	Heavy-Duty 21-key tactile feedback keyboard				
DISPLAY	Anti –Glare, Vacuum fluorescent (2 lines x 40 characters)				
WIRE MARKING	Controls included: End-marking, Zone-marking, Continuous-marking, Mark dwell time				
STANDARD TOOLING	Wire Straightener, 3/16” I.D. Left and Right Strip Assemblies, 5/16” I.D. Feedroll Assembly, Single Piston Quick Change Cutter Head, (1) Blade & Strip Block Tooling Setup 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	Net: 190 lbs (87kg). Shipping: 235 lbs (106.6 Kg)				
ESTIMATED PRODUCTION RATES					
Production rates vary with wire type, insulation, wire length, wire size, strip length, feed speed, line air pressure and machine delay settings.					
WIRE LENGTH	PIECES PER HOUR				
2 inch (59mm)	10,300 Pieces Per Hour				
4 inch (102mm)	10,000 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				