

Eubanks

MODEL 2700-05 PRECISION HIGH-SPEED PNEUMATIC STRIPPER











Our flagship pneumatic stripper, the 2700, is a high-speed machine that can handle almost 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 (5.3mm²). With optional tooling and modification kits, it 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, can strip coaxial cable in 2 stages, and cut and strip fiber optic cables made of plastic or glass and even with Kevlar reinforced fibers. It’s so flexible that it can precisely strip and slit 2 and 3 parallel conductor wires. With special setups, it can do an offset strip on 2 parallel conductor wires. Wire lengths are not a problem it will measure and cut lengths up to 99,999,99 inches, basically a mile and a half.

Speed
The 2700 cuts and strips both ends of the wire or cable in a single cycle and does this at blinding speeds of 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 of its versatility and speed, 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 parameters. It has built-in wire marking controls for pairing a wire marker. From its console, the operator can select and run programs, and step the machine through a complete cycle. It can easily be converted from inch to metric measurements via the machine’s keyboard. It 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. The tooling setups will last years and deliver the best quality strip available. During the strip function, the custom blades butt up against one another cutting perfectly around the circumference of the conductor. During the pull to strip, the insulation is held perfectly by both the top and bottom strip blades for a perfect linear pull when stripping. The result is a perfect 180° square cut of the insulation without any damage to the conductor ideal for proper termination.

We design and manufacture all our blades using our proprietary processes. These processes assure high-precision performance over a long service life. This is where Eubanks excels. We can design special tooling to 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.

CAPACITY
22-10 AWG with a Max. O.D. of .170” (4.3mm) with the Standard equipped tooling. Additional Special tooling is required for Multi-strip functions that are cable dependent. .290” (7.4mm) Max. O.D. or Width on all wires and cables
Single Stranded Conductor  32 to 8 AWG (22mm ²)
Solid Conductor  32 to 10 AWG(3.3mm ²)
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  Glass or Plastic
Offset Stripping  (Wire Dependent)

SPECIFICATIONS		BLADES	ACCESSORIES	
WIRE SIZE	22 to 10 AWG (0.38mm ² to 5.3mm ²) with the Standard Equipped Tooling 32 to 8 AWG (0.03 mm ² to 8.6mm ²) and Multi-Conductor Cable, Flat Cable, and Parallel Conductor Cable up to .290” (7mm) using optional Modification Kits and Special tooling.	<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	
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 and .050”x .050” (1.3mm x 1.3mm) using Special Tooling Maximum Full Strip Lengths: Stranded .375” x .375” (9mm x 9mm) Solid Conductor Wire 1.562” x 1.562” (40mm x 40mm)			<ul style="list-style-type: none">• Universal Increment Blocks inch or metric• 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			OPTIONAL KITS
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: Units of Measure: Inch or Metric Run Modes: Step Cycle, Display Options, Motor On/Off	<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 Mod 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 Mod Kit with Dual Piston Cutter head for wires and cables up to .230” (5.8mm) O.D. or width.• 17318-01 5/16” Heavy-Duty Mod 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 Mod Kit. With ½” Strip Assemblies for wires and cables up to .290” (7mm) O.D. or width.		
CONTROLS	Heavy-Duty 21-key tactile feedback keyboard			
DISPLAY	Antiglare, Vacuum fluorescent (2 lines x 40 characters)			
WIRE MARKING	Controls included: End-marks, Zone-marks, Continuous-marks, Mark dwell time			
STANDARD TOOLING	(1) Wire Straightener, Left and Right Strip Assemblies with 3/16” I.D., (1) 5/16” I.D. Feedroll Assembly, (1) 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.		SPECIAL APPLICATIONS		
		<ul style="list-style-type: none">• Kevlar & Fiberglass Strip and shear Package• 2 & 3 Parallel Conductor Strip and slit package• 2 Parallel Conductor Offset Strip package		
		(Call for more Information)		