

Eubanks

AUTOSTRIP 4900-21 & -22

EQUIPPED WITH NEW BRUSHLESS MAINTENANCE FREE CUT MOTOR 32 - 10 AWG



The Model 4900 is a compact powerful AutoStrip, a small machine with big machine performance. Like its stablemates, it will cut and strip wire as small as 32 AWG (0.03mm²). It will handle wire as large as 10 AWG (6mm) and flat cable or round multi-conductor cable up to 1/4" (6mm) in diameter or width. It is very simple to program and to operate.

The Model 4900 uses the same Eubanks blades as the Model 7400. Strip lengths range from 1/32" x 1/32" to 2, 1/2" x 2, 1/2" (0.8mm x 0.8mm to 64 x 64mm). In other words, it covers most wire prep requirements. The 4900 has a builtin blade loading tool. You can quickly and easily load the blades correctly every time. There is no machine calibration required with any blade change.

The 4900 also does an excellent job of cutting and stripping flat cable and multi-conductor cable up to 1/4" (6mm) in diameter.

The 4900 blades are made of high-quality tool steel. The 4900 can be programmed to do step-stripping, batch counting, and center-stripping. It can also be programmed to operate with a single drive and blade set (Blade Mode 1). With Blade Mode 1, the 4900 can cut and strip short length wire jumpers down to an incredible 1/8" of an inch(3mm), and with a strip of .050" on each end.

The 4900 has a 99-program storage capacity. For unlimited storage and maximum productivity, the Eubanks 4900 can be controlled with a PC or LapTop, using the Eubanks WireManager for Windows software.

CAPACITY

Special tooling is required for Multi-step-strip functions. Special functions are wire/cable dependent.
.562" (14.3mm) Max. O.D. or Width on all wires and cables

Single Stranded Conductor



32 to 10 AWG
(.034mm² - 6.4mm²)

Solid Conductor



32 to 12 AWG
(.032mm² - 3.31mm²)

Multi-Conductor



1/4" (6mm) Max. O.D.

Parallel Conductor



1/4"(6mm) Max Width

Flat Cable



1/4"(6mm) Max Width

Mid-Strip



(Wire Dependent)

Step Stripping



(Wire Dependent)

SPECIFICATIONS

OPTIONAL KITS

BLADES

ACCESSORIES

WIRE SIZE	32 to 10 AWG (0.03 to 6mm ²) Stranded Single Conductor 32 to 12 AWG (3.3mm ²) Solid Single Conductor Round Multi-Conductor or Flat Cable up to 1/4 inches. (8mm) Outer Diameter or width	<ul style="list-style-type: none"> • Wire Straightener Kit No. 16269-01 • Air Ejection Kit No. 16271-02 • RS-232 Connector Kit No. 16272-02 • Spare Parts Kit No. 14904-01 • WireManager PC Software, Windows 10 Kit No. 15918-02 	<ul style="list-style-type: none"> • V-Blades • Radius V-Blades • Precision Die Blades • Flat Square Blades • Precision Oval Blades • Precision 2, 3, & 4 Parallel Conductor Blades • Carbide Cut 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. • 6835-01 Heavy-Duty Large Reel Stand 300 Lb (136kg) Max. Load • 67200-10 Wire marker • 77200-01 PC Controlled Automated Wire Marker • 16100-03 Motorized 12" Coiling Pan • 16100-05 Motorized 14" Coiling Pan • 6610-12 Eight Foot Long Automatic Wire Stacker • 17241 All-Welded Steel 36" W X 24" D X 32" H Machine Table • 17242 All-Welded Steel 48" W X 24" D X 32" H Machine Table • 17243 All-Welded Steel 60" W X 24" D X 32" H Machine Table
WIRE LENGTH	0.125 inches. to 99.999 inches. (3 to 999,999mm)			
WIRE SPEED	Up to 60 inches. per second (1,500 mm/sec.)			
STRIP LENGTH	1/32 in. x 1/32 in. to 2, 1/2 in. x 2, 1/2 in. (0.8 x 0.8mm to 64mm x 64mm)			
BATCH SIZE	0 to 99,999			
PROGRAMMING	99 Program storage capacity numbered 0 to 99. Multi-program sequencing: Up to 99 programs may be chained together as one sequence. It can have as many sequences as 99 program limits will allow. Programming Options: Languages, English, Spanish, Swedish, German, French and Italian, Units of Measure: Inch or Metric Run Modes: 1 for short wire lengths Mode: 2 standard			
SPECIAL FUNCTIONS	Step Stripping, Batch Processing, and Center Stripping			
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	3/16 Guide Tube, Green Kevlar Drive Belts 14216-01 & 14217-01 Standard V-Blades Loose Parts Tooling Kit			
EXISTING TOOLING	Existing Guide Tubes, Blades, and Belts from the previous 4900 models will fit on 4900-21.			
POWER REQUIREMENTS	115 VAC, 10A, 50/60 Hz or 230 VAC, 5A, 50/60 Hz			
AIR REQUIREMENTS	100 P.S.I., at 2-4 CFM. Only for machines equipped with Wire Ejection Kit.			
DIMENSIONS	12 in. H x 20 in. W x 18 in. D (305 x 508 x 460mm)			
WEIGHT	Net: 75 lbs. (34 kg), Shipping: 125 lbs. (57 kg)			
ESTIMATED PRODUCTION RATES Production rates vary with wire type, insulation, wire length, wire size, strip length, feed speed, spool/reel weight, and machine delay settings.				
WIRE LENGTH	PIECES PER HOUR			
4 inch (102mm)	3,100 Pieces Per Hour			
20 inch (500mm)	2,500 Pieces Per Hour			
40 inch (1M)	2,000 Pieces Per Hour			
100 inch (2.5M)	1,300 Pieces Per Hour			
394 inch (10M)	500 Pieces Per Hour			
600 inch (15M)	320 Pieces Per Hour			
1200 inch (30M)	180 Pieces Per Hour			

GUIDE TUBES

- 1/16" I.D.
- 1/8" I.D.
- 3/16" STD I.D.
- 1/4" I.D.
- 5/16" I.D.
- Custom Made Tube

DRIVE BELTS

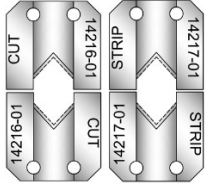
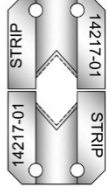

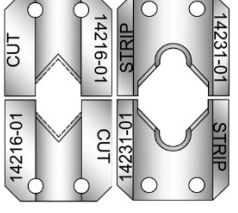
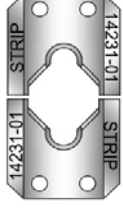

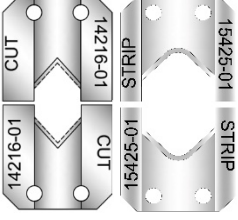


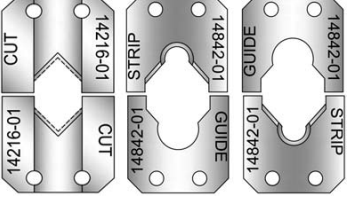
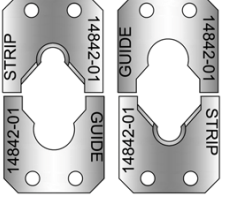

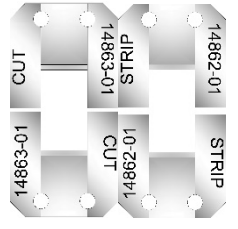
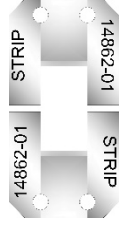

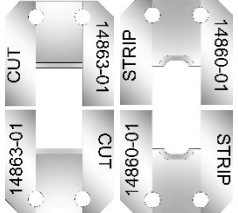
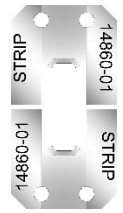

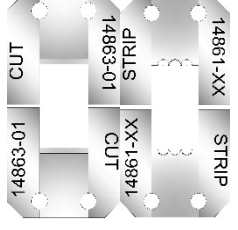
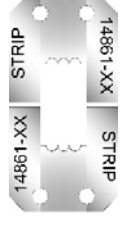
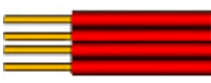
STANDARD RED DRIVE BELT

- **14958-06** Set of 6
- **14958-04** Set of 4
- **14958-02** Set of 2

GREEN DRIVE BELT

- **15140-06** Set of 6
- **15140-04** Set of 4
- **15140-02** Set of 2

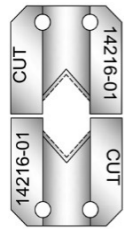
TOOLING AND REPLACEMENT PARTS FOR MODEL 4900-21/-22

COMPLETE BLADE SETS CUT AND STRIP	INDIVIDUAL STRIP BLADE SETS		APPLICATION <i>(All custom blades require 20-30 feet of wire/cable sample)</i>		
 <p>#16114-01</p>	 <p>#14217-01</p>	 <p>32-12 AWG Solid or Stranded BEST STRIP QUALITY</p>	<p>STANDARD STRIP BLADES V-TYPE SMALL WIRE</p> <p>Standard equipped blade for model 4900. To be used with all wires ranging from 32-12 AWG and a maximum O.D. of .210"</p>		
 <p>#16115-01</p>	 <p>#14231-01</p>	 <p>All Wires & Round Multi-Conductors HIGHEST STRIP QUALITY</p>	<p>CUSTOM RADIUS STRIP BLADES</p> <ul style="list-style-type: none"> • Teflon or rubbery insulated wires • Multi-conductor cable • Thin insulated wires • High precision stripping • Required on larger 10 AWG wires and some 32-28 AWG • High volume wires 		
 <p>#16116-01</p>	 <p>#15425-01</p>	 <p>Round Multi-Conductor BEST STRIP QUALITY</p>	<p>PARABOLIC STRIP BLADES</p> <p>A form of universal radius strip blades for stripping a range of multi-conductor cable sizes.</p> <ul style="list-style-type: none"> • Round multi-conductor cables 		
 <p>#16117-01</p>	 <p>#14842-01</p>	 <p>Out of Round Multi-Conductor HIGHEST STRIP QUALITY</p>	<p>CUSTOM RADIUS STRIP BLADES</p> <ul style="list-style-type: none"> • Out-of-round multi-conductor cables • Cat 5 & 6 cables • Twisted cables • Lumpy or inconsistent insulations 		
 <p>#16120-01</p>	 <p>#14862-01</p>	 <p>Parallel Conductor Flat Multi-Conductor BEST STRIP QUALITY</p>	<p>SQUARE STRIP BLADES</p> <ul style="list-style-type: none"> • Flat parallel conductor cables • Flat Multi-conductor cables • Ribbon cables 1/4" Max. width 		
 <p>#16118-01</p>	 <p>#14860-01</p>	 <p>Flat Multi-Conductor HIGHEST STRIP QUALITY</p>	<p>CUSTOM OVAL STRIP BLADES</p> <ul style="list-style-type: none"> • Flat Multi-conductor cables 		
 <p>#16121-01</p>	 <p>#14861-01</p>	 <p>Parallel Conductor HIGHEST STRIP QUALITY</p>	<p>CUSTOM PRECISION PARALLEL CONDUCTOR STRIP BLADES</p> <ul style="list-style-type: none"> • Parallel conductor wires up to 4 conductors and up to 1/4" max-width <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Complete Blade Sets</p> <p>#16121-02 for 2 Conductor #16121-03 for 3 Conductor #16121-04 for 4 Conductor</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Individual Strip Blade Sets</p> <p>#14861-02 for 2 Conductor #14861-03 for 3 Conductor #14861-04 for 4 Conductor</p> </td> </tr> </table>	<p>Complete Blade Sets</p> <p>#16121-02 for 2 Conductor #16121-03 for 3 Conductor #16121-04 for 4 Conductor</p>	<p>Individual Strip Blade Sets</p> <p>#14861-02 for 2 Conductor #14861-03 for 3 Conductor #14861-04 for 4 Conductor</p>
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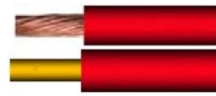
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INDIVIDUAL CUT BLADE SETS

APPLICATION *(All custom blades require 20-30 feet of wire/cable sample)*



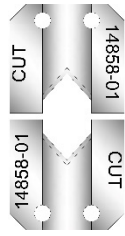
#14216-01



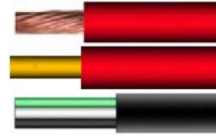
32-12 AWG Solid or Stranded

STANDARD SMALL WIRE CUT BLADES

- 32-12 AWG thin stranded or solid single conductor
- Multi-conductor cable
- Hose tubing
- Shrink tubing 1/4 max. width when flattened



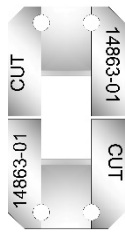
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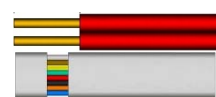
12 & 8 AWG Stranded
12 & 10 AWG Solid
Round Multi-Conductor Cables

STANDARD LARGE WIRE CUT BLADES

- 10 AWG thin stranded conductor
- 12 & 10 AWG solid conductor
- Multi-conductor cable



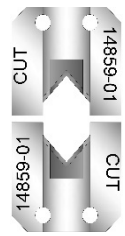
#14863-01



Parallel-conductor
Flat multi-conductor

HEAVY-DUTY INCREASED THICKNESS CUT BLADES

- Parallel Conductor wires up to 1/4" wide
- Flat multiconductor cables up to 1/4" wide



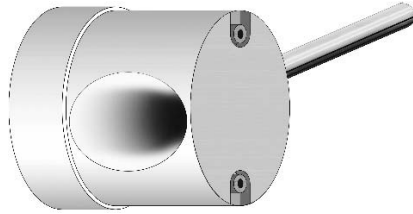
#14518-01



32-12 AWG Solid or Stranded
For prolonged cutting life

HEAVY-DUTY CARBIDE CUT BLADES

- Can last up to 10X longer than standard steel blades when cutting copper



GUIDE TUBES

GUIDE TUBE NO.	MODEL 4900 GUIDE TUBES Internal Diameter	
	Inch	Metric
#17193-01	1/16"	1.5mm
#14769-01	1/8"	3.2mm
#14226-01	3/16"	4.8mm
#14714-01	1/4"	5.5mm
#14712-01	5/16"	7.9mm

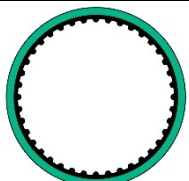
CUSTOM OVAL GUIDE TUBE #17250-XX

BELT SET NUMBERS

BELT SET NO.	QUANTITY	WHERE USED
15140-06	6	AutoStrip and Prefeed
15140-04	4	AutoStrip
15135-02	2	Prefeeder

BELT SET NUMBERS

BELT SET NO.	QUANTITY	WHERE USED
14958-06	6	AutoStrip and Prefeed
14958-04	4	AutoStrip
13994-02	2	Prefeeder

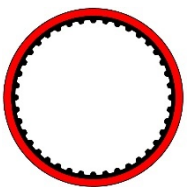


#15135 (Prefeeder Belt)



#15140 (4900 Belt)

The Green Drive Belts #15135 & 15140 have a unique Kevlar composition that offers the most extended wear life. It is best in general use for all wire and cable types. The 15135 belts are standard on all Eubanks belt drive Prefeeder



#13994 (Prefeeder Belt)



#14958 (4900 Belt)

The Red Drive Belts #13994 & 14958 are best for small delicate wires, ranging from 28-32 AWG. The soft Neoprene can help reduce any crinkle effects caused by the pitch of the pulleys. The Neoprene can grip better in certain wire insulations. The 14958 belts are standard on the model 4900.