Eubanks

AUTOSTRIP 4900-21 & -22

EQUIPPED WITH NEW BRUSHLESS MAINTENANCE-FREE CUT MOTOR

MORE CUTTING POWER!

The new 4900 (-21 & -22) is now equipped with a more powerful brushless cut motor. The new high-precision motor provides more longevity and less maintenance. It will cut through 10 AWG stranded wire and ¼" Multiconductor cable effortlessly and will precisely strip small delicate 32 AWG wires.

The 4900 has a compact, rugged design perfect for small shops or any department within the company. The 4900 has an excellent reputation for its long service life, reliability, precision, and ease of maintenance.

The 4900 is equipped with high-quality tool Steel blades. Custom blades are also available for stripping out-of-round cables, parallel conductor wires, and flat cables. The 4900 comes with a built-in blade loading tool that ensures correct blade installation. The blade changeover is done in seconds without the need for calibration or blade fastening.

The 4900 can be programmed to do step-stripping, batch counting, and center-stripping. It can also be programmed to operate in short-length mode. In short-length mode, the 4900 can cut and strip wire jumpers down to an incredibly 1/8" of an inch(3mm) and with a .050" strip 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 and are wire/cable dependent. .250" (6.3mm) Max. OD or Width on all wires and cables

Single Stranded Conductor

32 to 10 AWG
(.034mm² - 5.3mm²)

Solid Conductor

32 to 12 AWG
(.032mm² - 3.3mm²)

Multi-Conductor

1/4" (8mm) Max. OD.

Parallel Conductor

1/4"(8mm) Max Width

Flat Cable

1/4"(7.3mm) Max Width

Mid-Strip

(Wire Dependent)

Step Striping

(Wire Dependent)

(Cut Only)
Medical Hose Tubing
.250" Max., OD.

Ribbon Cable .250" Wide

SPECIFICATIONS	
WIRE SIZE	32 to 10 AWG (0.03 to 5.3mm²) Stranded Single Conductor 32 to 12 AWG (3.3mm²) Solid Single Conductor Multi-Conductor or Flat Cable up to 1/4 inches (6.3mm) Outer Diameter
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 9 in. x 9 in. (0.8 x 0.8mm to 228 mm x 228 mm)
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 for normal.
SPECIAL FUNCTIONS	Step Stripping, Batch Processing, and Center Stripping
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	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 Misc. tooling 4900 models will fit the 4900-21/-22.
POWER REQUIREMENTS	**-01** 115 VAC, 10A, 50/60 Hz or **-02** 230 VAC, 5A, 50/60 Hz
AIR REQUIREMENTS	100 PSI, at 2-4 CFM. Only for machines equipped with Wire Ejection Kit.
DIMENSIONS	12 in. H x 20 in. W x 18 in. D (330 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

BLADES

- V-Blades
- Radius V-Blades
- Precision Die Blades
- Flat Square Blades
- Precision Oval Blades
- Precision 2, 3, & 4 Parallel Conductor Blades
- Carbide Cut Blades

GUIDE TUBES

- 1/16" ID.
- 1/8" ID.
- 3/16" STD. ID.
- 1/4" ID.
- 5/16" ID.
- Custom Oval

DRIVE BELTS

SOLD IN SETS OF 4 ONLY

- **14958-04 STD RED DRIVE BELT SET**
- **15140-04 GREEN DRIVE BELT SET**

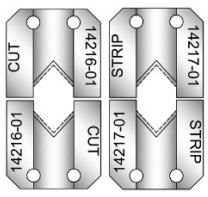
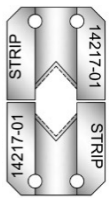
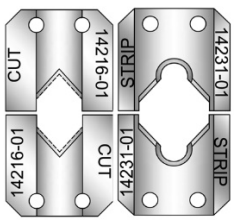
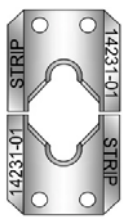
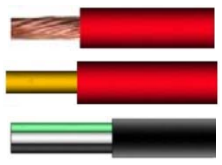
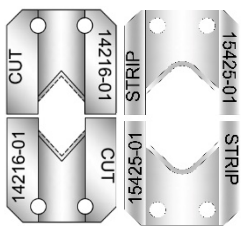
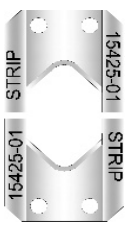
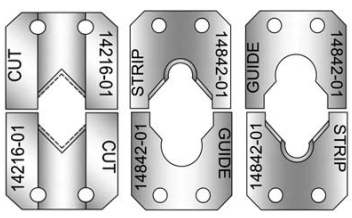
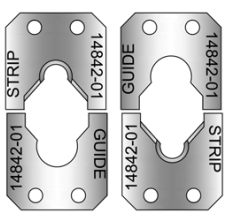
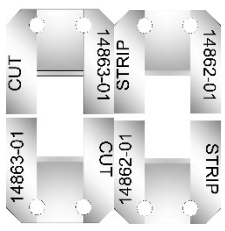
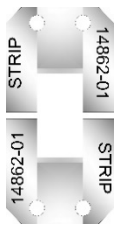
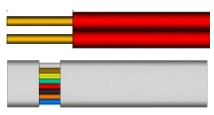
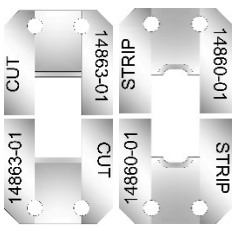
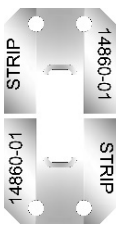
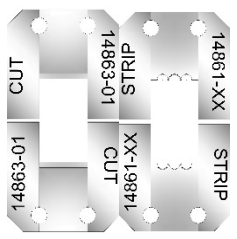
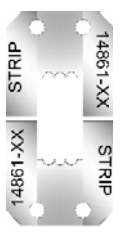
OPTIONAL KITS

- Wire Straightener **Kit No. 16269-01**
- Air Ejection **Kit No. 16271-01**
- RS-232 Connector **Kit No. 16272-01**
- Spare Parts **Kit No. 14904-01**
- WireManager PC Software, Windows 10 **Kit No. 15918-02**
- **Cassette Blade Loader Kit No. 14450-01**

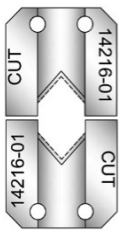
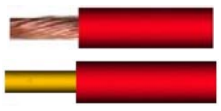
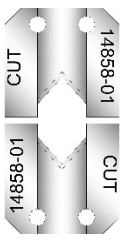
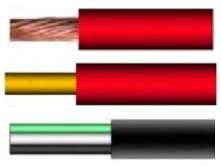
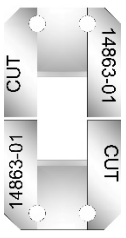
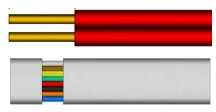
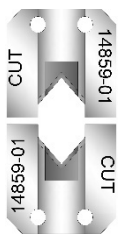
ACCESSORIES

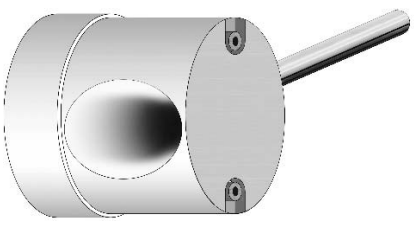
- **6815-05** Standard Belt Prefeed 60 lbs (27 kg) Max. Load
- **67200-10** Wire marker
- **16100-03** Motorized 12" Coiling Pan
- **6610-12** Eight-Foot Long Automatic Wire Stacker
- **17241** All-Welded Steel 36" W X 24" D X 32" H Machine Table. (For AutoStrip Only)
- **17242** All-Welded Steel 48" W X 24" D X 32" H Machine Table. (For AutoStrip & PC)
- **17243** All-Welded Steel 60" W X 24" D X 32" H Machine Table. (For AutoStrip & Marker)

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

COMPLETE BLADE SETS CUT AND STRIP	INDIVIDUAL STRIP BLADE SETS		APPLICATION (All custom blades require 20-30 feet of wire/cable sample)
 **#16114-01**	 **#14217-01**	32-12 AWG Solid 32-10 AWG Stranded **BEST STRIP QUALITY**	**STANDARD STRIP BLADES V-TYPE SMALL WIRE** Standard equipped blade for model 4900. To be used with all wires ranging from 32-12 AWG Solid or 32-10 Stranded and a maximum OD of .250”
 **#16115-01**	 **#14231-01**	 All Wires & Round Multi-Conductors **HIGHEST STRIP QUALITY**	**CUSTOM RADIUS STRIP BLADES** • 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
 **#16116-01**	 **#15425-01**	Round Multi-Conductors **BEST STRIP QUALITY**	**PARABOLIC STRIP BLADES** A form of universal radius strip blades for stripping a range of multi-conductor cable sizes. • Round Multi-conductor cables
 **#16117-01**	 **#14842-01**	Out of Round Multi-Conductors **HIGHEST STRIP QUALITY**	**CUSTOM RADIUS STRIP BLADES** • Out-of-round multi-conductor cables • Cat 5 & 6 cables • Twisted cables • Lumpy or inconsistent insulations
 **#16120-01**	 **#14862-01**	 Parallel-Conductors Flat Multi-Conductors **BEST STRIP QUALITY**	**SQUARE STRIP BLADES** • Flat Parallel conductor cables • Flat Multi-conductor cables • Ribbon cables 1/4” Max. Width
 **#16118-01**	 **#14860-01**	Flat Multi-Conductors **HIGHEST STRIP QUALITY**	**CUSTOM OVAL STRIP BLADES** • Flat Multi-conductor cables
 **#16121-01**	 **#14861-01**	Parallel Conductors **HIGHEST STRIP QUALITY**	**CUSTOM PRECISION PARALLEL CONDUCTOR STRIP BLADES** • Parallel conductor wires up to 4 conductors and up to 1/4" max-width **Complete Blade Sets** **#16121-02** for 2 Conductor **#16121-03** for 3 Conductor **#16121-04** for 4 Conductor **Individual Strip Blade Sets** **#14861-02** for 2 Conductor **#14861-03** for 3 Conductor **#14861-04** for 4 Conductor

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

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 single solid conductor • Multi-conductor cable • Hose tubing • Shrink tubing 1/4 max. width when flattened
 **#14858-01**	 12 & 10 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 multi-conductor 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

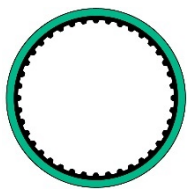


GUIDE TUBES

MODEL 4900 GUIDE TUBES

GUIDE TUBE NO.	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



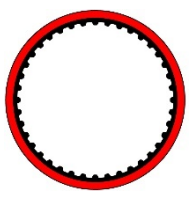
#15135-04
(Prefeeder Belt)

#15140-04
(4900 Belt)

The Green Drive Belts #15135-04 & 15140-04 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 15135-04 belts are standard on all Eubanks belt drive Prefeeders

BELT SET NUMBERS

BELT SET NO.	QUANTITY	WHERE USED
15140-04	**4**	AutoStrip
15135-04	**4**	Prefeeder



#13994-04
(Prefeeder Belt)

#14958-04
(4900 Belt)

The Red Drive Belts #13994-04 & 14958-04 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 14958-04 belts are standard on the model 4900.

BELT SET NUMBERS

BELT SET NO.	QUANTITY	WHERE USED
14958-04	**4**	AutoStrip
13994-04	**4**	Prefeeder