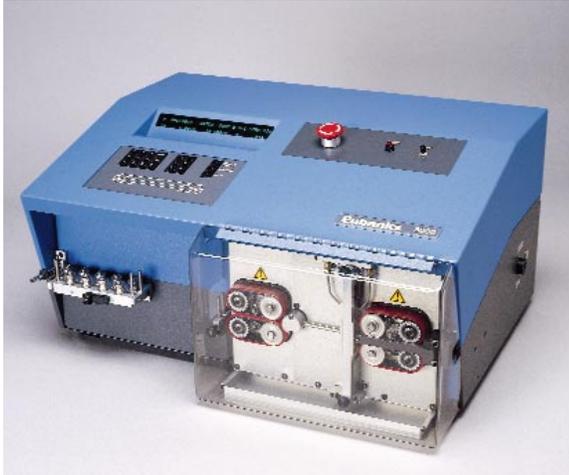




The **Eubanks**
AutoStrip
Three Fully
Programmable
Wire Strippers

THE EUBANKS AUTOSTRIP SERIES



The Model 8000 AutoStrip processes wire sizes ranging from 32 AWG to 4 AWG (0.03 mm² to 22 mm²).

Eubanks has been the leader in the design and manufacturing of wire stripping machines for more than 40 years—ever since it introduced the first in-line machine in 1956. It has demonstrated its creative ability once again with the revolutionary new AutoStrip machines.

The Eubanks AutoStrip series of wire cutters and strippers consists of three machine models—the 8000, 7400 and 4900. All are based on the same advanced design principles. They are fully-programmable, fast, accurate and quiet. They cover an unprecedentedly wide range of wire sizes. The machines differ primarily in the range of wire sizes they will handle and in maximum stripping lengths. Each will handle wire as small as 32 AWG (0.03 mm²). The minimum strip length for all models is 1/32 in. (0.8 mm). The AutoStrip 8000—the most versatile of the three—will process wire up to 4 AWG (22 mm²) and multi-conductor cable as large as 9/16 in. O.D. (14 mm) and it can produce strip lengths of up to 20 in. (500 mm) on each end of the wire. The AutoStrip machines shown in this brochure include the optional wire straightener and air eject assembly.

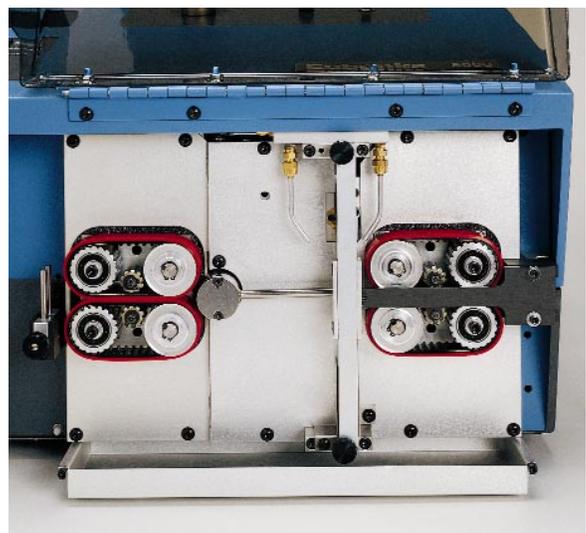
OPERATION AutoStrip machines are easy to operate. You change operating parameters with a few keystrokes—by keying in a few numbers or by calling up a program. You can enter data through a keyboard on the machine or from a

remote computer. To change to a different wire or strip length, just call up another program, load the new wire into the machine and press START. The system stores up to 99 programs of wire length, strip length, strip diameter (blade penetration) and program number in battery-backed memory. To enter a completely new program, you simply enter a new program number and key in the data for the new wire.

You load a new wire by inserting the end of the wire between the left drive belts and pressing a key. The machine automatically threads the wire through the drive assemblies and cutterhead. When operated in dual-wire mode, the AutoStrip machines can process two wires at a time, further increasing productivity.

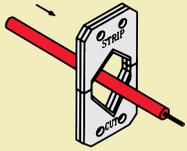
WIRE DRIVE Two pairs of durable rubber belts move the wire without slippage. This, together with precise acceleration and deceleration, accounts for the machines' exceptional wire length accuracy.

Two closed-loop servo motors drive the wire. These, combined with a fast-response, low-inertia servo motor driving the blades, make for high wire throughput. For example, working in a dual-wire mode, the Model 8000 will process up to 8,800 wires per hour.

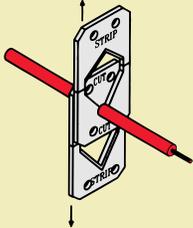


The AutoStrip machines use two pairs of durable rubber belts to move the wire without slippage.

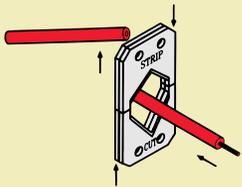
How the AutoStrip works



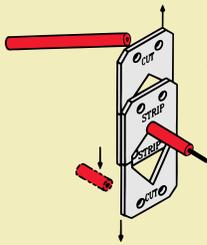
1. Rubber belts pull the wire through the optional straightener and input guide. CUT and STRIP blades are open at mid-setting.



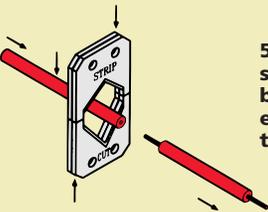
2. The pre-selected wire length is measured, wire motion stops and the CUT blades close.



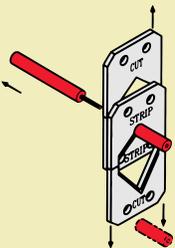
3. CUT blades return to mid-setting and the input guide rises. The belts move the trailing end of the cut piece back through the blades into the strip position.



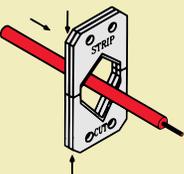
4. The STRIP blades close, penetrating the insulation to the programmed depth, and then retract a preset distance to prevent scraping of the conductor during stripping. The belts advance the wire to pull off the insulation slug or to move it slightly if the wire is being semi-stripped.



5. The STRIP blades return to mid-setting and the input guide lowers back into feed position. The belts eject the finished wire and advance the next lead end into strip position.



6. The STRIP blades close, penetrating the insulation to the programmed depth, and then retract a programmed distance. The belts pull the wire to slide the slug off—or move it slightly if the wire is being semi-stripped.



7. The blades then return to mid-setting and the wire advances to begin a new cycle.



An easy-to-read vacuum fluorescent display helps you set up and monitor important system functions.

DISPLAY The AutoStrip display is clear, sharp and easy to read. You use it to set up and to monitor all system functions. For example, the screen shown above displays the program number, wire length, batch quantity, wires completed and strip diameter (blade penetration). You can use other screens to control a variety of additional functions, including:

- Strip length
- Degree of strip movement
- Step stripping
- Wire acceleration/deceleration and maximum speed
- Belt pressure on the wire (8000 and 7400 only)
- Blade acceleration and deceleration
- Degree of blade retraction before stripping
- Remote control from a computer
- Mark placement using a wire marker

BLADES Eubanks blades are made of high-grade tool steel selected for its ability to hold an extremely sharp edge. The machines use separate pairs of blades for cutting and stripping so that the strip blades never cut copper. This results in longer blade life than in systems that use one pair of blades for both functions.

You can use V-type blades for a wide range of insulations, including PVC. However, radius V-blades or precision die radius V-blades may be required for some insulations, such as Tefzel, Teflon and irradiated PVC. Precision die radius V-blades are recommended for insulations that are very difficult to strip, including the thin wall insulation on data and communications cables. Radius V-blades and precision die radius V-blades can be changed for different wire sizes in less than a minute.

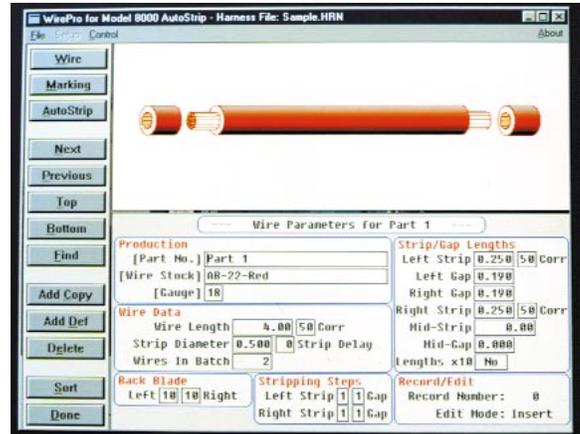
Heavy duty blade holders support the blades on all sides. The Model 8000 and Model 7400 come with a convenient blade

PC SOFTWARE

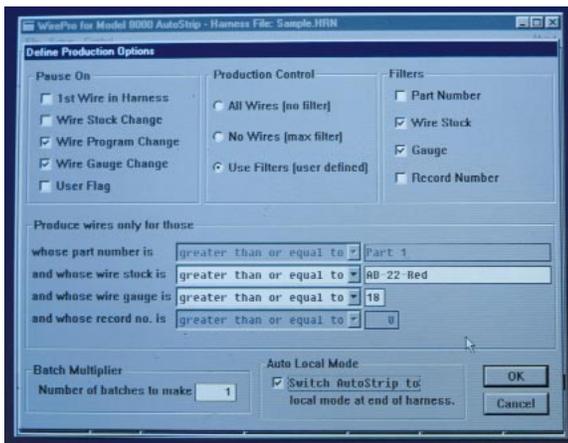
cassette that loads the strip and cut blades into the holder in one step. The blade cassette is an option on the Model 4900, which comes with a special tool for blade handling.

You control blade penetration and retraction prior to stripping in increments of 0.001 in. (0.01 mm) so that the blades do not scrape the conductor. Like other functions, this is controlled from the keyboard.

RELIABILITY The AutoStrip machines reflect the experience gained in more than 40 years of designing and manufacturing reliable, high-performance wire strippers. Every mechanical part and every electrical component used in Eubanks machines has been designed and fabricated for maximum performance and reliability.



With WireMan software, you can create and store large wire lists on your PC.



WirePro software enables you to use a PC to control the operation of your AutoStrip.

WIREPRO PC SOFTWARE This is an optional Windows® software package that enables you to use a personal computer to control the AutoStrip. WirePro software handles both the task of **wire list data processing** and the task of **controlling the production** of cut and stripped wires by downloading operating instructions to the AutoStrip. It runs under the Windows 95, 98 and NT operating systems.

The **wire list data processing** functions allow you to create large lists of wires, called harness files, by entering information for each wire such as length, gauge, strip length, wire type, etc. Coupled with the data for each wire are user programmable

machine operating parameters such as wire feed speed, wire acceleration/deceleration, etc. The wires in each harness file can be sorted by wire gauge, wire stock number or part number. The user can create new harness files, load and edit previous harness files, search for a particular wire and print the files.

You start the **wire production task** by loading a harness file from the computer's disk. The WirePro software automatically downloads the data for each wire to the AutoStrip and instructs the AutoStrip to run each wire. The user can specify the order in which wires are produced and inhibit the production of selected wires. The WirePro software will prompt the operator when a different wire type must be loaded or when the characters on a manual wire marker need to be changed. The WirePro software can also be programmed to automatically interrupt production for certain conditions, such as the next wire or a wire with a user-set "pause-flag."

WirePro also includes a feature called "Wire Meter." When enabled, the Wire Meter maintains a file that lists the amount of each type of wire that was used for the last job and a cumulative total of wire that has been used.

WirePro software enables you to store virtually an unlimited number of harness files. It increases your productivity by minimizing repetitive data entry and reducing the possibility of operator error.

MODEL 8000



PRODUCTION RATES

The 8000 production rates vary with wire length, strip length, wire size, blade back-up, and wire drive speed and acceleration rates. For 18 AWG wire (0.82 mm²) with a 1/4 in. (6mm) semi-strip on each end, the maximum production rates are:

Wire Length	Strip Both Ends pieces/hour		Cut Only pieces/hour	
	Single Wire	Dual Wire	Single Wire	Dual Wire
4 in. (100 mm)	4,400	8,800	7,000	14,000
20 in. (500 mm)	3,600	7,200	5,100	10,200
40 in. (1M)	2,900	5,800	3,800	7,600
100 in. (2.5M)	1,800	3,600	2,200	4,400
394 in. (10M)	700	1,400	720	1,440
600 in. (15M)	480	960	500	1,000
1200 in. (30M)	250	500	260	520

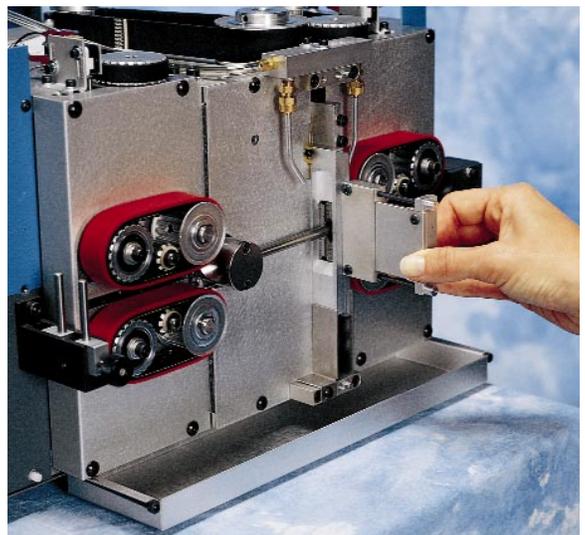
AUTOSTRIP 8000 The top-of-the-line 8000 is the fastest and most versatile of the AutoStrip machines. It will accommodate wire sizes 32 AWG (0.03 mm²) up to 4 AWG stranded (22 mm²). It also does an excellent job of cutting and stripping flat cable and multi-conductor cable up to 9/16 in. (14 mm) in diameter. With the AutoStrip 8000, strip lengths are almost unlimited. In fact, it can produce strip lengths of up to 20 in. (500 mm) on both ends. The 8000 uses larger, heavier Eubanks blades than the other machines. A cassette is used for blade insertion. The 8000 can be programmed to do step stripping, batch counting, and center stripping. The 8000 is shown here with the optional wire straightener and air eject assembly.

DIMENSIONS:

13 in. H x 26 in. W x 22 in. D
(330 x 660 x 560 mm)

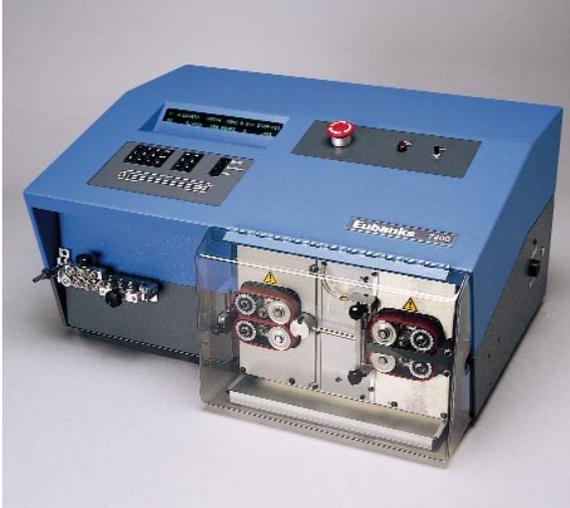
WEIGHT:

Net: 144 lbs. (66 kg)
Shipping: 235 lbs. (107 kg)



On the 8000 and 7400, a compact, rugged cassette is used to load blades into the blade holder.

MODEL 7400



AUTOSTRIP 7400 Next largest in size, the Model 7400 is a rugged, versatile machine. Like the Model 8000, it is capable of producing extremely long strip lengths. If you are cutting a cable to 12-foot lengths and want to strip 12 inches of insulation from one end and 20 inches from the other, key in those strip lengths and the 7400 will oblige. It can produce a maximum strip length of 20 in. x 20 in. (500 x 500 mm). The 7400 can be programmed to do step-stripping, batch counting and center-stripping. The Model 7400 uses the same Eubanks blades as the Model 4900 and uses a cassette to insert the blades. It differs from the 8000 in the maximum wire and cable sizes it will handle. The 7400 will cut and strip wire up to 8 AWG (8.6 mm²) and multi-conductor and flat cable up to 5/16 in. (8mm) wide. The 7400 is shown here with the optional wire straightener and air eject assembly.

DIMENSIONS:

13 in. H x 26 in. W x 22 in. D
(330 x 660 x 560 mm)

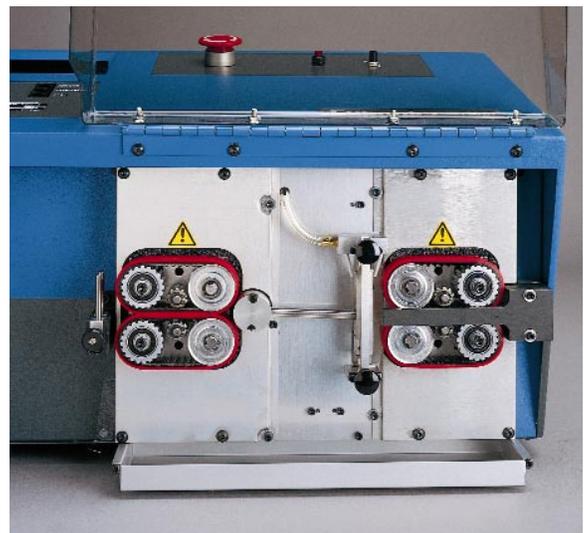
WEIGHT:

Net: 144 lbs. (66 kg)
Shipping: 235 lbs. (107 kg)

PRODUCTION RATES

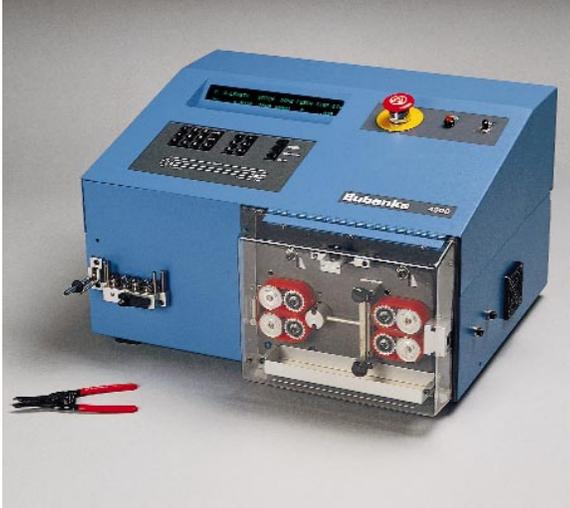
The production rates of the Model 7400 vary with wire length, strip length, wire size, blade back-up and wire drive speed and acceleration rates. The maximum production rates for 18 AWG wire (0.82 mm²) with a 1/4 in. (6 mm) semi-strip on each end are:

Wire Length	Strip Both Ends pieces/hour		Cut Only pieces/hour	
	Single Wire	Dual Wire	Single Wire	Dual Wire
4 in. (100mm)	4,100	8,200	7,300	14,600
20 in. (500mm)	3,400	6,800	5,300	10,600
40 in. (1M)	2,700	5,400	4,000	8,000
100 in. (2.5M)	1,800	3,600	2,300	4,600
394 in. (10M)	600	1,200	720	1,440
600 in. (15M)	400	800	480	960
1200 in. (30M)	250	500	260	520



The Model 7400 processes wire sizes ranging from 32 AWG to 8 AWG (0.03 mm² to 8.6 mm²).

MODEL 4900



AUTOSTRIP 4900 The Model 4900 is a compact AutoStrip, a small machine with big machine performance. Like its stable mates, it will cut and strip wire as small as 32 AWG (0.03 mm²). It will handle wire as large as 10 AWG (6 mm²) and flat cable and multi-conductor cable up to 1/4 in. (6 mm) in diameter. The Model 4900 uses the same Eubanks blades as the Model 7400. Strip lengths range from 1/32 in. x 1/32 in. to 2 1/2 in. x 2 1/2 in. (0.8 x 0.8 mm to 64 x 64 mm). In other words, it covers most wire prep requirements. A compact tool is used to load the blades into the 4900. The 4900 can be programmed to do step-stripping and batch counting. The 4900 is shown here with the optional wire straightener.

DIMENSIONS:

12 in. H x 20 in. W x 18 in. D
(305 x 508 x 460 mm)

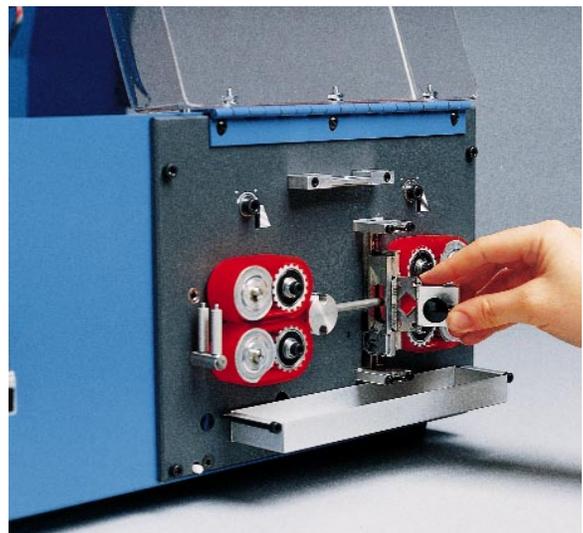
WEIGHT:

Net: 75 lbs. (34 kg)
Shipping: 125lb. (57kg)

PRODUCTION RATES

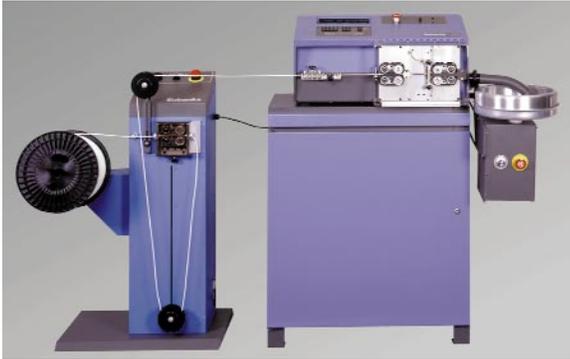
The Model 4900 production rates vary with wire length, strip length, wire size, blade back-up and wire drive speed and acceleration rates. The maximum production rates for 18 AWG wire (0.82 mm²) with a 1/4 in. (6 mm) semi-strip on each end are:

Wire Length	Strip Both Ends pieces/hour		Cut Only pieces/hour	
	Single Wire	Dual Wire	Single Wire	Dual Wire
4 in. (100mm)	3,100	6,200	5,000	10,000
20 in. (500mm)	2,500	5,000	3,600	7,200
40 in. (1M)	2,000	4,000	2,800	5,600
100 in. (2.5M)	1,300	2,600	1,600	3,200
394 in. (10M)	500	1,000	525	1,050
600 in. (15M)	320	640	330	660
1200 in. (30M)	180	360	190	380



A small tool is used to load the blades into the Model 4900's blade holder.

ACCESSORIES



The 16000 powered coiling pan, shown mounted on the 7400 AutoStrip, with the 6815-05 prefeed and the 60850-01 cabinet base.

Several high-performance accessories, designed to enhance the productivity of your AutoStrip, are available as optional equipment.

MODEL 6815-05 PREFEED This fast prefeed has a belt drive that feeds wire to automatic strippers faster than previous models. Designed to keep up with the fast pace of electric wire strippers, it offers quick response, automatic speed control, high torque and dependable service. Wire size: 0.030 in. - 0.280 in. O.D. (0.8mm - 7.0mm). Maximum spool size: 16 in. O.D. (400 mm), 60 lbs. (27 kg).

MODEL 6380 BENCHTOP PREFEED This new prefeed is a compact, spool-driven benchtop unit that complements Eubanks's line of benchtop programmable wire strippers. The Model 6380 provides quick response, spool overrun control, tangle free usage and automatic speed control. Wire size: 0.030 in. - 0.280 in. (0.8 mm - 7.0 mm). Maximum spool size: 16 in. O.D. (400 mm), 75 lbs. (34 kg).

MODEL 6880-05 LARGE WIRE PREFEED This heavy-duty prefeed has a belt drive that feeds large cable to automatic strippers at high speed. The belt drive is gentle on the cable and does not slip. It has a 1/2 HP motor capable of maintaining 30lbs. (13kg). direct pulling force on wire with continuous feed speed of 120" per second (3000mm/sec). Wire size: 0.030 in. - 0.560 in. O.D. (0.8 mm - 14.0 mm). Maximum spool size: 16 in. O.D. (400 mm), 120 lbs. (54 kg).

MODEL 6610 STACKER The Model 6610 is an eight-foot stacker that handles a wide range of wire sizes, even as small as 22 gauge stranded (0.3 mm²). It automatically stacks wires 14 in. (350 mm) and longer as they leave the AutoStrip.

MODEL 15401-02 SHORT WIRE STACKER The 15401-02 short wire stacker is a pedestal mounted V-shaped trough for collecting short wires produced by the AutoStrip. The 45° slope of the sides facilitates easy removal of wires. The height of the pedestal is adjustable. The trough is 48 in. (1200 mm) long.

MODEL 6840 COLLECTOR TUBE The collector tube is used to collect short wire lengths. It is supplied with hardware to mount it on the side of the AutoStrip. It includes a 36 in. (900 mm) tube of 2 in. O.D. (50 mm) plastic tubing and two plastic end caps. The tubing may be cut to the desired length with scissors. One 6840 Collector Tube is included with each 4900, 7400 and 8000.

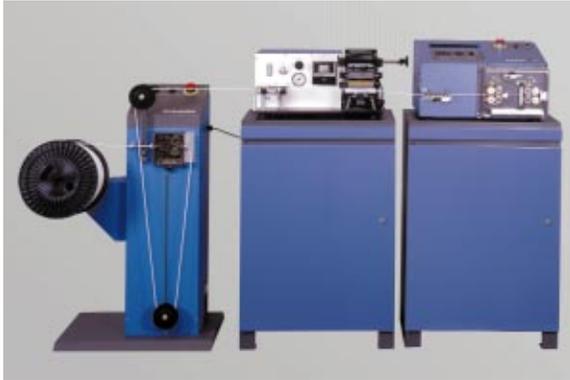
MODEL 60850-01 CABINET BASE Eubanks cabinet bases are specifically designed and constructed for use with Eubanks wire strippers. The rugged all-steel cabinet provides ample space for tooling and other accessories. A keyed lock is provided as standard equipment.

The Model 60850-01 is specifically designed to support the Model 8000 and the Model 7400.

MODEL 1722 MANUAL COILING PAN AND PEDESTAL This accessory comprises a 12 in. (300 mm) diameter spun aluminum pan which is free turning on a ball bearing mount at the top of a pedestal. As the wire leaves the AutoStrip and is guided into the pan, the rotation of the pan coils the wire. When the trailing end of the wire leaves the wire stripper, the operator removes the coil of wire from the pan and ties or tapes it.

MODEL 16100 POWERED COILING PAN This accessory comprises an aluminum bowl, 12 in. (300 mm) in diameter and 3 in. (77 mm) deep, with a variable speed motor used to coil long wire lengths. The motor stops for a preset number of seconds after the cut and strip cycle so that the operator can remove the coiled wire. The system includes a new design that accurately tracks wire drive speed. This gives you fast wire speed and quick stops, both needed for continuous-marking of long wires.

WIRE MARKERS



The 67200 hot stamp wire marker operating in-line with the 4900 AutoStrip and the 6815-05 prefeed. The 67200 and the 4900 are mounted on 60850-00 cabinet bases.

Eubanks hot stamp wire marking machines mark wire clearly and permanently through the use of marking foil and heated printing discs. Eubanks wire markers may be ordered with as many as 30 printing discs. Each disc has 39 characters (the alphabet, numbers 0 to 9, right and left arrows, and a dash) and a blank.

MODEL 67200 HOT STAMP WIRE MARKER The AutoStrip's marker controls, which are standard, enable you to use the Model 67200 Wire Marker with your AutoStrip for end- or continuous-marking. You can use the AutoStrip's integral keyboard to select mark time and mark spacing. Standard wire size: 0.030 in. - 0.250 in. O.D. (0.76 - 6.35 mm); with a large wire kit: up to 0.500 in. O.D. (12.7 mm).

MODEL 60850-00 CABINET BASE The Model 60850-00 cabinet base is smaller than the Model 60850-01 and is made specifically to support the Model 4900 and the Model 67200 wire marker.

MODEL 67260 DUAL HEAD HOT STAMP WIRE MARKER The 67260, a dual head version of the 67200, is used for end-marking wires with long strip lengths and for other applications that require printing two marks at a time, with the last character of the second mark located more than 3.5 in. (88 mm) from the first character of the first mark.

MODEL 64300 SPARK TESTER The Model 64300 high frequency sine wave spark tester checks the integrity of the wire insulation. If the insulation fails the spark test, the machine stops and the fault light is turned on.

MODEL 77200 AUTOTAB The Model 77200 AutoTab is a fully programmable hot stamp wire marker that operates in line with the AutoStrip. It links production planning software and wire processing to provide you with completely automatic marking, cutting and stripping. The Model 77200 selects marking characters quickly and accurately and places marks along the wire exactly where you want them. Printing discs are set automatically, along with stamp pressure, dwell time, distance from the end of the wire to the first mark and distance between marks. Temperature is set manually.

The Model 77200 AutoTab includes Eubanks's WirePro for Windows software, which enables you to create large wire list files on your PC and provides direct, error-free downloading of wire list data from the PC to the AutoStrip and the 77200. It provides instant recall of previously run wire lists and it prompts the operator to select the correct wire type, color and gauge when changing wires.

The WirePro for Windows software is easy to understand and was designed so that non-technical personnel can operate the 77200. It uses simple dialog boxes to enable the operator to select a wire file, download it to the AutoStrip and the AutoTab and start production. The operator can interrupt production at any time. When a wire-fault has been detected by the splice detector or the optional 64300 Spark Tester, the PC's monitor displays a fault-recovery dialog box that provides the operator with various options for resuming production.



The 77200 programmable hot stamp wire marker, in line with the 64300 spark tester and the AutoStrip.

Model	8000	7400	4900
WIRE SIZE*	32 to 4 gauge (0.03 to 22mm ²) Solid conductor: up to 12 gauge (3.3mm ²); Multi-conductor or flat: up to 9/16 in. (14 mm)	32 to 8 gauge (0.03 to 8.6mm ²) Solid conductor: up to 12 gauge (3.3mm ²); Multi-conductor or flat: up to 5/16 in. (8 mm)	32 to 10 gauge (0.03 to 6 mm ²) Solid conductor: up to 12 gauge (3.3 mm ²); Multi-conductor or flat: up to 1/4 in. (6 mm)
WIRE SPEED	Up to 118 in. per second (3,000 mm/sec.)	Up to 118 in. per second (3,000 mm/sec.)	Up to 60 in. per second (1,500 mm/sec.)
WIRE LENGTH	0.125" to 99,999 in. (3 to 999,999 mm)	0.125" to 99,999 in. (3 to 999,999 mm)	0.125" to 99,999 in. (3 to 999,999 mm)
STRIP LENGTH	1/32 in. x 1/32 in. to 20 in. x 20 in. (0.8 x 0.8 mm to 500 x 500 mm)	1/32 in. x 1/32 in. to 20 in. x 20 in. (0.8 x 0.8 mm to 500 x 500 mm)	1/32 in. x 1/32 in. to 2 1/2 in. x 2 1/2 in. (0.8 x 0.8 mm to 64 x 64 mm)
CONTROLS	21-key tactile feedback keyboard	21-key tactile feedback keyboard	21-key tactile feedback keyboard
DISPLAY	Vacuum fluorescent (2 lines x 40 characters)	Vacuum fluorescent (2 lines x 40 characters)	Vacuum fluorescent (2 lines x 40 characters)
COMPUTER INTERFACE (optional)	RS-232C	RS-232C	RS-232C
POWER REQUIREMENTS	115VAC, 10A, 50/60 Hz or 230VAC, 5A, 50/60 Hz	115VAC, 10A, 50/60 Hz or 230VAC, 5A, 50/60 Hz	115VAC, 6A, 50/60 Hz or 230VAC, 3A, 50/60 Hz
KITS & BLADES	<ul style="list-style-type: none"> - Precision die radius-V blades - Radius V blades - Flat and oval blades for multi-conductor flat cable - Dual wire processing kits 	<ul style="list-style-type: none"> - Precision die radius-V blades - Radius V blades - Flat and oval blades for multi-conductor flat cable - Dual wire processing kits 	<ul style="list-style-type: none"> - Precision die radius-V blades - Radius V blades - Flat and oval blades for multi-conductor flat cable - Dual wire processing kits
SPECIAL FUNCTIONS	Step stripping, batch counting, center stripping	Step stripping, batch counting, center stripping	Step stripping, batch counting
WIRE STRAIGHTENER	optional	optional	optional
WIRE MARKER CONTROLS	Included	Included	Included

*AutoStrip may not be able to process certain wires within the stated range if insulation is too hard or bonded. All Eubanks products listed here are CE compliant.
U.S. Patent Numbers: 5,146,673; 5,253,555; 5,265,502; 5,279,219; 5,293,683; 5,456,148; 5,469,763; 5,256,718; 5,528,962; 5,640,891; 5,653,016; 5,664,324; 5,937,511.
European Patent Numbers: 0489502; 0599644. Additional U.S. and foreign patents pending. Specifications subject to change without notice. Designed and manufactured in the U.S.A.