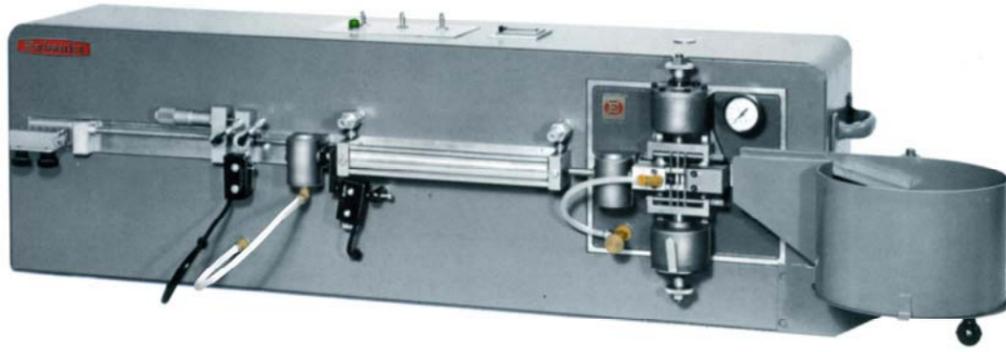


Eubanks

MODEL 3230 PRECISION HIGH-SPEED PNEUMATIC STRIPPER WIRE BENDER



The 3230 is a high speed machine that automatically cuts, strips and bends solid conductor wire to make printed s circuit board jumpers at rates of 8,500 pieces per hour.

Operation

The model 3230 is powered by compressed air and electrically controlled. A pneumatic clamp grips the wire and carries it into the cutting and forming head. The clamp travel, which determines the wire length, is regulated by the stroke of an air cylinder. This can be changes quickly and precisely by means of a micrometer adjustment.

At the end of the cylinder stroke, the wire stops momentarily. The blades close to cut the insulation and to sever the conductor, then a bending die drives forward, pushing off the insulation and bending the stripped ends in a single operation.

Features

The Model 3230 Wire Stripper Bender performs work that previously could only be done only slowly and tediously by hand. It automatically measures, cuts, strips and forms insulated or bare wire at rates up to 8,500 pieces per hour. Each finished jumper is exactly the right length, the strip is clean and the conductor is neither nicked nor scrapped. The ends are stripped exactly the length required for the board, thus eliminating the trimming that is required when handmade jumpers are used

Stripped ends are bent at slightly less than 90 degrees to the insulated portion so that spring tension will hold the jumper in place on the circuit board until solder is applied. Wire Lengths can be changes in a minute or two. Bending Die and blade changes, which are required for differences in wire sizes and strip lengths, may be made within three to four minutes.

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.

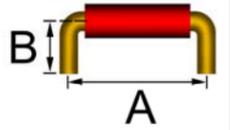
We design and manufacture all our own blades using our proprietary processes. These processes assure high-precision performance over a long service life. This is where Eubanks clearly excels. We can design special tooling to do cut strip and bend. On other Eubanks models we can strip slit parallel wires 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

One tooling setup is required for each different strip length or insulated wire or bare wire. One strip blade Set is required for each different wire size of insulated wire.
30-40 feet of wire sample is required for each tooling or blade sets.

A: .125" to 6.375"
(3mm x 161.9mm)

B: .125" to .375"
(3mm x 9.5mm)



Solid Bare or Insulated Conductor



26 to 16 AWG(1.3mm²)

| SPECIFICATIONS | | OPTIONAL KITS | SPARE BLADES | ACCESSORIES |
|---|---|---------------|--|--|
| WIRE SIZE | 26 to 16 AWG (1.3mm ²) | NONE | <ul style="list-style-type: none"> 2506 Composite Blades for insulated wire 2507 Clamp Blade Set for Bare Wire | <ul style="list-style-type: none"> 6815-05 Standard Belt Prefeed 60 Lbs (27 kg) Max. Load 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 Jumper Length: .125"(3mm) Maximum Jumper Length: 6.375"(161.9mm) | | | |
| STRIP LENGTH | Minimum Strip Length: .125" x .125" (3mm x 3mm) Maximum Jumper Strip Length: .375" x .375" (9.5mm x 9.5mm) | | | |
| BATCH SIZE | 0 to 999,999 | | | |
| CONTROLS | Speed control valve, Ejection control valve, On/Off function switches, Micrometer strip length fine adjuster. | | | |
| STANDARD TOOLING | Complete tooling for cutting, stripping, and bending one size wire with a specific strip length. Predetermined counter. | | | |
| 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). | | | |
| DIMENSIONS | 40 in. W x 12 in. D x 13 in. H. (1,016mm x 305mm x 330mm). | | | |
| WEIGHT | Net: 61 lbs (27.6 kg). Shipping: 83 lbs (37.6 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 | | | |
| 1/8" inch (3mm) | 8,500 Pieces Per Hour | | | |
| 1/4" inch (6.3mm) | 8,200 Pieces Per Hour | | | |
| 1 inch (25.4mm) | 8000 Pieces Per Hour | | | |
| 2 inch (50.8mm) | 7,200 Pieces Per Hour | | | |
| 3 inch (76.2mm) | 6,700 Pieces Per Hour | | | |
| 5 inch (127mm) | 5000 Pieces Per Hour | | | |
| 6 inch (152.4mm) | 4000 Pieces Per Hour | | | |