

Wire Stripper

Industry: Factory Automation

This company is a manufacturer of automated wire strippers. Their products are very popular, reliable machines used in many production wire shops. They are used to eliminate the time and cost spent on stripping and cutting wire by hand.



The machine shown can accommodate wire sizes ranging from 26-12 AWG and, with special kits, can handle wire as small as 32 AWG. The operator can change wire length and stripping lengths by simple keystrokes on the terminal. Converting to metric measurement is as easy as changing two dip switches. The machine operates at 100 volts at 10 amps, 115 volts at 9 amps, or 230 volts at 8 amps, 50/60 Hz.



Above: Standard 30A8 drive/amplifier. May differ in appearance from the actual custom product used.

Three 30A8 drives are used to drive three brushed motors. A microprocessor sends a +/- 5-volt command to a servo drive in each of the three axes. Two axes are for tractors that feed the wire forward and reverse, and one axis is for the actual cutting of the wire.

We had great success meeting the goals of this company. AMC developed a good working relationship with the engineers, understanding what was needed to meet the application goals. As a result, we provided an exceptionally quick prototype turnaround.

AMC had the right solution at the right price at the right time.

