

Joyal®

AWE ALLIANCE

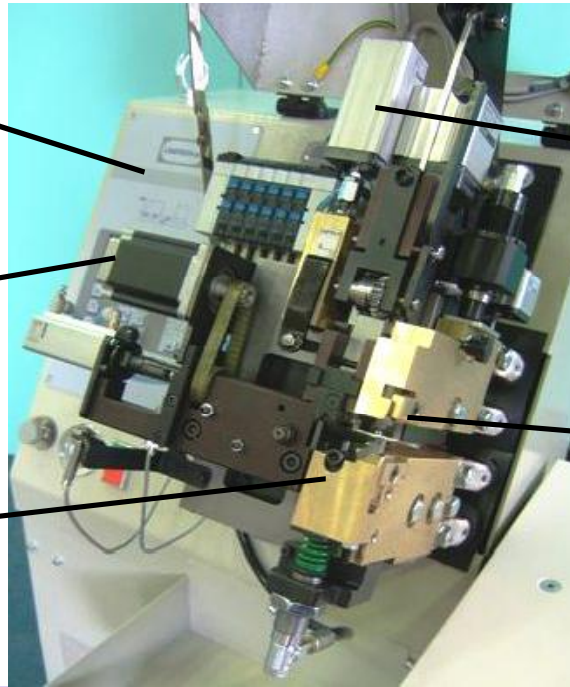
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Patented Thermal Crimp Technology

*Programmable
Control of Fusing
Operation*

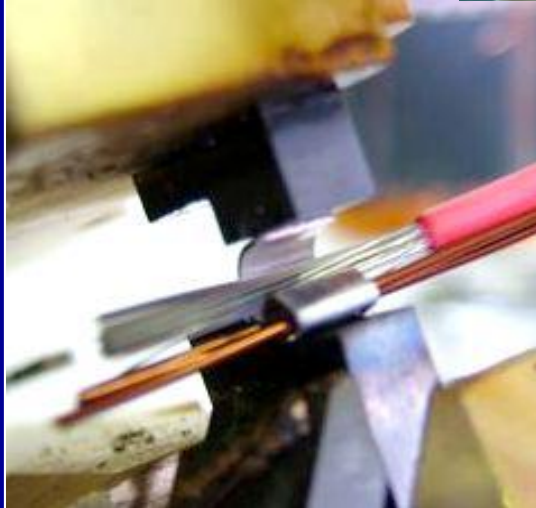
*Servo Motor
Form of Clip*

*Automatic Trip
of Excess Wire*



*Proportional
Valve Control of
Fusing Head*

*Easy Access for
Operator to
Place Lead
Bundle*



Fusing Technology

With the patented thermal crimp technology, the connector is automatically made from a strip of tinned copper material. This connector is then presented to the operator for placement of the magnet wire and/or lead wire. Once fused, excess wire is trimmed from the connector resulting in the smallest possible package with the highest quality connection.

Eliminate Stripping and Brazing

During fusing, the initial heat generated at the electrode first burns off the magnet wire enamel and melts the tin to clean the connection area. Further heat and pressure then creates a diffusion bond between the wires and the connector producing an extremely strong and reliable connection. This eliminates the need for an operator to strip enamel from the magnet wire.

