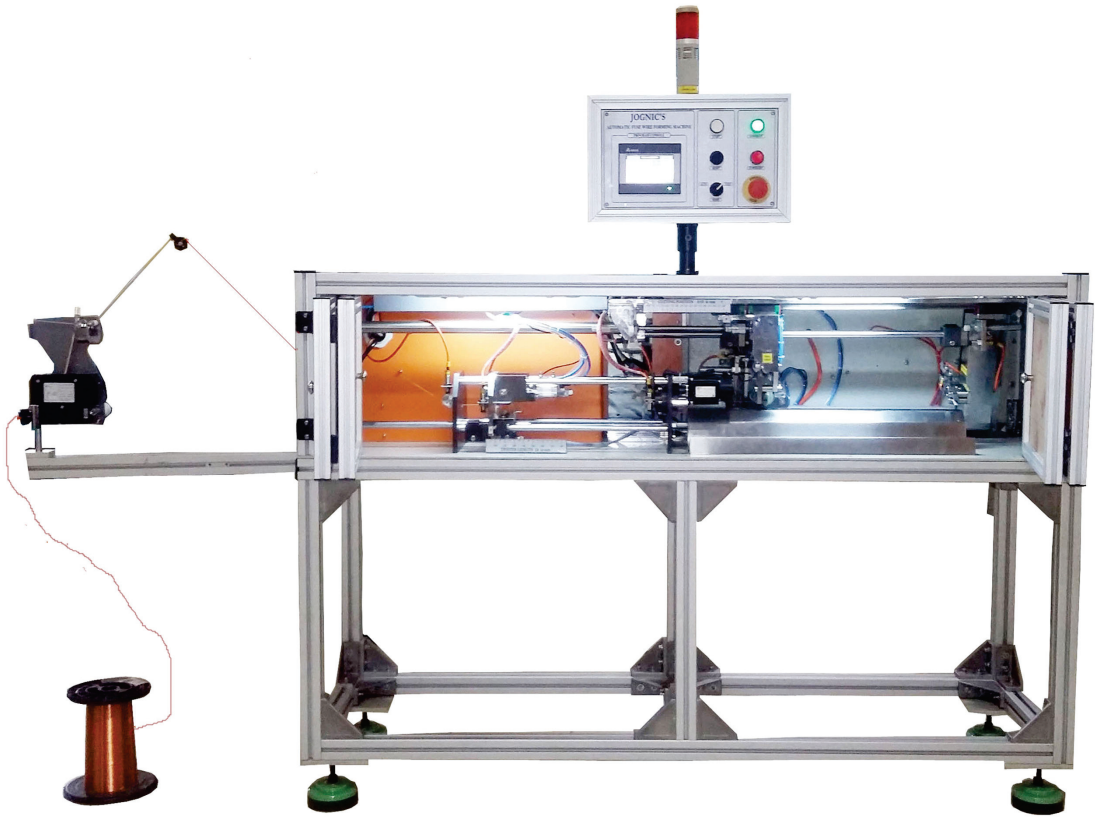
AUTOMATIC FUSE WIRE FORMING MACHINE



Features

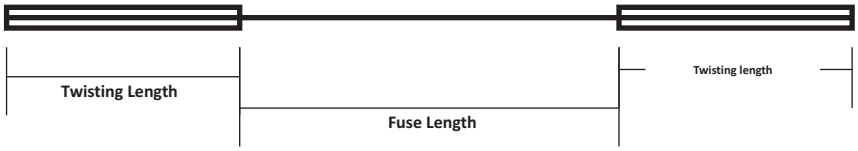
- Automatic Fuse Wire Forming Machine suitable for the fuse wire thickness of 0.17mm to 0.5mm is twisted at both the ends. and pneumatically cut at predetermined length.
- Production Capacity of 2500 pieces per 8 hours shift.
- Automatic Feeding of wire through bobbin and mechanical tensioner feeding arrangement.
- Adjustable wire feeding tension for different dia wires.
- Twisting wire thickness (Number of wire folds) selection through operator manual.
- Servo motor for wire twisting, in turn controlling the Twisting Quality through AC servo drive.
- Pneumatic grippers for shifting, for cutting & for ejection.
- Pneumatically controlled cutter for perfect cutter of twisted wire.
- Final fuse wire length is continuously adjustable.
- All operations are automatically controlled By Programmable Logic Controller (PLC).

Technical Specification

Basic Unit	The Basic unit includes Wire Tensioner, Wire Twisting Assembly, Twister Motor, Pneumatic cutter, Pre Grip & Post Grip Assembly.
Wire Feeding	Through Wire Tensioner
Wire Diameter (In mm)	0.17mm to 0.5mm
Wire Fold	3 or 5 folds
Total Fuse Length	Min 225 to Max 410mm
Twisting Length	Min 50 to Max 125mm
Fuse Length	Min 70mm to Max 160mm
Wire Twisting	Servo Motor driven by Servo drive
Fuse Cutting	Through Pneumatically operated Cutter
Fuse Ejection	Automatic

Fuse Wire Configuration

Total Fuse wire Length



Total Fuse Length : Min 225 mm to Max 410 mm

Twisting Length : Min 50 mm to Max 125 mm

Fuse Length : Min 70 mm to Max 160 mm

General Specification

Power supply : 230 V AC ± 10%, 50 Hz, 1 phase.
Air supply : Pressure - 6 Bar, Consumption - 5cfm.
Floor space : 2230mm x 520mm x 1700mm (W x D x H).
Machine weight : 250 Kgs (Approx.).

NOTE: We reserve the right to modify above specifications at any time. please confirm your specification before ordering.