

Automatic Tube End Forming & Shrinking Machine



Model: DS-20A

I Summary

The automatic tube end forming machine is designed to shrink tube end part by rotary swaging process. With upgraded four-die design, the finished tube presents high quality and less noise during work. With automatic loading and unloading system, the work efficient is 5 five than manual operated machine.

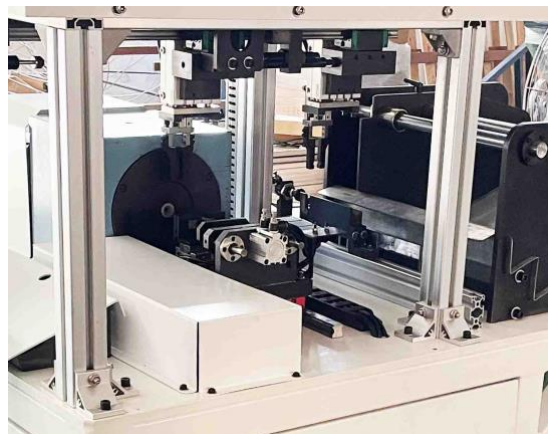
II Feature

- Widely used for different kinds of material as copper, aluminum and steel bundy pipe.
- Adjustable feeding hopper for different tube length with big loading capacity.
- Adjustable feeding stroke for different tube length.
- Automatic loading-shrinking-unloading work in high efficiency.
- Automatic tube detecting system to avoid wrong operation.
- Special designed tube holding device to avoid deformation during process.

III Configuration

	Part	Brand	Remark
1	Main Frame	Home made	Welding

2	Painting	Home made	Powder Coating / customized color
4	PLC	TECO	CE
5	HMI	TAIAN	-
7	Contactora	Schneider	CE
8	Motor	Local brand	-



IV Main Technical data

	Parameter	Data
1	Tube Material	Copper / Aluminum / Bundy tube
2	Tube Diameter	4-20mm
3	Tube Length	60-305mm
4	Shrinking Length	5-50mm (can be lengthened to 95mm)
5	Work Speed	10-30 pcs/min
6	Inner Diameter Range	Φ 1.9- Φ 10.0±0.05mm
	Tube Feeding	Manual + Automatic
7	Control System	PLC control / HMI
8	Motor Power	1.1KW
9	Electric System	380V, 50Hz, 3Phae (Customized)
10	Dimension	1900 x 900 x 1300 mm
11	Weight	450 KG

