

Serpentine Bundy Tube Bender for Condensers

The serpentine bender is designed for bending steel bundy tubes into serpentine shapes. It is widely used in the production of condensers and heat exchangers.



ADDITIONAL IMAGES



Product Overview

Serpentine Bundy Tube Bender

The WA series semi-automatic serpentine bender is designed for high-efficiency processing of steel and bundy tubes, specifically for condenser and heat exchanger manufacturing. By replacing manual labor with a servo-controlled, PLC-managed system, it achieves superior precision and can bend up to 12 tubes simultaneously. Featuring patented bending tools and structure, the machine ensures minimal deformation, exact bending radii, and consistent appearance across high-volume production cycles.

Technical Performance

Performance Metrics

12 pcs

Max Tubes/Cycle

180 deg

Max Bending Angle

5 KW

Motor Power

1300 KG

Total Weight

Production Parameters

Parameter	Specification
Tube Diameter	∅3-12mm
Wall Thickness	0.3-1.0mm
Bending Radius	R15-R35
Bending Times	Up to 110 times/cycle
Feeding Length	0-700mm/time

Components & Quality

Machine Configuration

Component	Brand
Inverter	MITSUBISHI
PLC	MITSUBISHI
HMI	KINCO
Contactor	Schneider
Cylinder	DELIXI
Servo Motor	ELESY

Key Components

Mitsubishi PLC, Schneider Contactor, ELESY Servo Motor, CE Compliant

Physical Specifications

Overall Dimensions	2200 x 1000 x 1580 mm (Excluding table)
Power Requirements	380V, 50Hz, 3Phase