

Automated Wire Cutting Stripping Twisting and Soldering Machine

This automated machine cuts wires to a specified length, strips insulation from both ends, twists the exposed wires, and dips them in solder. It is suitable for high-volume production of wire harnesses and cable assemblies.



Product Overview

High-Efficiency Wire Processing

This automated wire processing system offers a compact, modular design that streamlines wire cutting, stripping, twisting, and tinning operations. Built for high-volume production, it features a digital smart touch screen interface and a high-speed DSP control system to ensure precision and ease of use. The machine eliminates the need for complex manual adjustments, providing a reliable, labor-saving solution for wire harness manufacturing.

Performance Metrics

Productivity

22000 pcs/hr

Max Output

Supported Wire Gauge

AWG32 - AWG18 (0.3mm - 3.0mm diameter)

Technical Specifications

Power Supply	AC 220V / 50-60Hz (Single-phase)
Physical Dimensions	670mm (W) x 840mm (L) x 1200mm (H)
Net Weight	310 kg
Required Air Pressure	6 kgf

Processing Capabilities

Processing Ranges

Operation	Range
Cutting Length	8mm - 9999mm
Stripping Length	0.0mm - 10mm
Twisting Length	3.0mm - 10mm
Tinning Length	1mm - 10mm

Supported Functions

Wire Cutting, Single-end Stripping, Double-end Stripping, Single-end Twisting, Double-end Twisting, Single-end Tinning, Double-end Tinning

Features

Key Advantages

- Compact footprint with modular design
- Digital touch screen with multi-language support
- Stores up to 100 processing procedures
- High-speed DSP distributed control system
- Silent hybrid servo drive for precision
- Automatic reset function for twisting mechanism
- Built-in abnormal signal indicators for fault detection

Compliance

Certifications

CE • SGS