

Automated Wire Processing Machine for Cutting, Stripping, Crimping, Twisting, and Tinning

This fully automatic machine processes five wires simultaneously. It strips and crimps one end, while the other end is stripped, twisted, and tinned with computerized numerical control for accurate adjustments.



Overview

High-Efficiency Wire Processing

This fully automatic, five-wire processing machine offers high-precision numerical control for complex wire harness manufacturing. It integrates multiple functions including cutting, stripping, crimping, twisting, and tinning into a single, computerized operation. Designed for high-volume production, it features rapid material replacement and servo-driven accuracy to ensure consistent quality and improved throughput.

Processing Capabilities

Supported Functions

- Wire cutting
- Single-end stripping
- Double-ends stripping
- Single-end crimping
- Single-end twisting
- Single-end tinning (optional opening/closing)

Key Processing Dimensions

32 mm Min Cutting Length	650 mm Max Cutting Length	11 mm Max Stripping Length	10 mm Max Twisting Length
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Technical Specifications

Wire Compatibility	AWG16 - AWG32
Crimping Force	2 T
Blade Material	High speed steel

Performance & Power

Production Speed

6000 pcs/h Speed at 100mm	5200 pcs/h Speed at 220mm
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Air Pressure	0.6 MPA
Power Supply	AC220V Single-phase 8A

Physical Dimensions

Dimensions	1500 x 800 x 1600 mm
Weight	290 KG

Quality & Control

Detection Devices	Crimping detection, Wire missing detection, Wire knotting detection, Terminal presence detection
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