

Automatic Wire Stripping Machine for 27-2 AWG Wires

This automatic wire stripping machine handles wires from 27 AWG to 2 AWG (0.1-35mm²). It utilizes a microcomputer control system and LCD screen for setting cutting length, stripping length and quantity.



Overview

High-Precision Automatic Wire Processing

This fully automatic wire stripping machine features a hybrid drive microcomputer control system with a comprehensive LCD interface for precise operation. Designed specifically for large square wire cables used in automotive and power distribution applications, it supports a wide range of wire gauges from 27 to 2 AWG. The system allows for arbitrary settings of cutting length, stripping length, and quantity, ensuring efficient production for BV and BVR cable types.

Performance Highlights

Key Performance Metrics

4000 pcs/h

Max Speed

35 mm²

Max Wire Size

13 steps

Stripping Steps

Technical Capabilities

Wire Processing Range

| Wire Type | Max Diameter/Gauge | Max Cross-Section |
|--------------------|--------------------|--------------------------|
| Standard Wire Core | 27 AWG - 3 AWG | 0.1 - 25 mm ² |
| BV Cable | 5 AWG (4.5mm) | 16 mm ² |
| BVR Cable | 2 AWG (6.3mm) | 35 mm ² |

| | |
|------------------------|-------------------|
| Cutting Length Range | 0.1mm - 99999.9mm |
| Front Stripping Length | 50 mm |
| Rear Stripping Length | 30 mm |

System & Hardware

Operational Functions

- Auto-outlet
- Auto-inlet
- Timing start
- Multi-step stripping
- Quantitative processing

| | |
|----------------|---|
| Driving Mode | 4 wheels drive |
| Motor System | Mute Hybrid Stepping Motor (0.1mm per step) |
| Blade Material | Imported Tungsten Steel, High-Speed Steel |

Physical Specifications

| | |
|--------------------|--------------------|
| Machine Dimensions | 420 x 297 x 345 mm |
| Net Weight | 35 kg |

Compliance & Quality

Certifications

CE • ISO 9001:2000 • SGS