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SHOPSoluzioni Custom
in tempi record

RBEW8280

Double crimping machine 0.2-2.5 mm² with tube insertion

Automatic machine designed for cutting, stripping, double-end crimping and number tube insertion on cables and conductors. The RBEW8280 integrates multiple processing steps into a single system, making it suitable for repetitive production where cable identification, end crimping and good productivity on small and medium-section wiring are required.



Integrated processing operations

Cutting, single-end or double-end stripping, single-end or double-end crimping, tube insertion and marking in the same cycle.

Cable identification

Management of numbered tubes on one or both sides, useful for wiring harnesses that require immediate identification and traceability.

Terminal compatibility

It supports ferrule terminals, Y or O terminals and loose terminals, expanding its field of use across different production environments.

Controls and optional features

Provision for wire presence detection, optical fiber detection and low air pressure detection, in addition to optional pressure monitoring and visual inspection.

Functional description

The RBEW8280 is designed to automate the preparation of cables with terminals and numbered tubes, reducing manual steps and improving the consistency of the final result. The machine can operate in single step, single cycle or automatic mode, with roller feeding and a Chinese/English LCD interface. The presence of wire detection, optical fiber detection and low air pressure detection systems helps improve process control and production continuity.

Technical data

Parameter	Value
Model	RBEW8280
Power supply / power	220V / 800W
Functions	Single end stripping, double end stripping, cutting, single end crimping, double end crimping, tube insertion and marking on double end, tube insertion and marking on single end.
Supported terminals	Pin terminal, Y or O terminal and loose terminal
Production	1200 - 1500 pz./h (reference 200 mm)
Machine dimensions	L1300 x W1050 x H1550 mm
Machine weight	580 kg
Display	Chinese / English LCD
Applicable cables	PVC, Teflon
Section / wire size	AWG 26 - AWG 14 (0.2 - 2.5 mm ²), customizable
Cutting length	90 mm - 999999 mm (Minimum remaining length 70 mm), tube length 15 mm
Cutting precision	Tolerance: 1 mm + 0.2% lower cutting length
Stripping length	Front end 1.5 - 15 mm / Rear end 1.5 - 15 mm
Press capacity	2000 kg
Detection devices	Cable presence detection, fiber optic detection, low air pressure detection.
Air pressure	0.5 - 0.65 MPa (dry and clean air)
Waterproof cap	It can be customized
Numbered tube insertion device	Can be customized (cutting length 12 - 30 mm)
Operating modes	Single step, single cycle, automatic
Working conditions	0 - 50°

Wire feed	Roller feed
Blood pressure monitoring	Optional
CCT Visual Inspection	Optional

Construction and operational features

- Automatic machine with combined functions of cutting, stripping, crimping and insertion of numbered tubes.
- Compatible with socket terminals, Y/O terminals and loose terminals.
- Chinese/English LCD interface for setting and managing jobs.
- Roller wire feed for continuous material feed.
- Wire presence control systems, optical fiber detection and low air pressure.
- Options available for pressure monitoring and CCT visual control.

Applications

Suitable for manufacturers of wiring harnesses, electrical panels, industrial assemblies, and processes requiring double-crimped conductors and identification using numbered sleeves. Suitable for production processes requiring reduced manual operations, high productivity, and greater consistency in the finished product.