

AUTOMATION

RBEW8160

Automatic double-head
insulated terminal crimping
machine

Cut, strip, twist and crimp both wire ends
in one automated cycle.

1,300 pcs/h

OUTPUT UP TO

AWG 26-14

WIRE RANGE

DOUBLE HEAD

Compact automation

Two wire ends completed in one cycle



Double head - double feed - automatic cycle

One machine. Four operations.



01

Cut to length

Programmable lengths from 40 to 9,999 mm with controlled wire feeding.

02

Strip and twist

Prepare both wire ends from 0 to 15 mm according to the terminal.

03

Double crimp

Two 2.0 T crimping units complete both ends in a single pass.

04

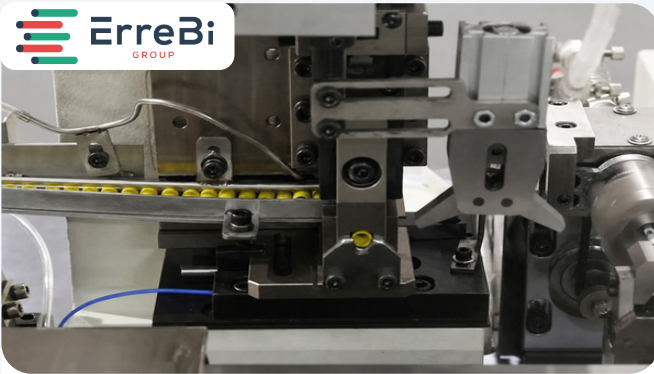
Finished output

The completed wire is ready for downstream assembly or inspection.



The machine in action

Four close-up views of the terminal handling and crimping sequence.



1. Terminal transfer

Bulk terminals move through the guided feed rail.



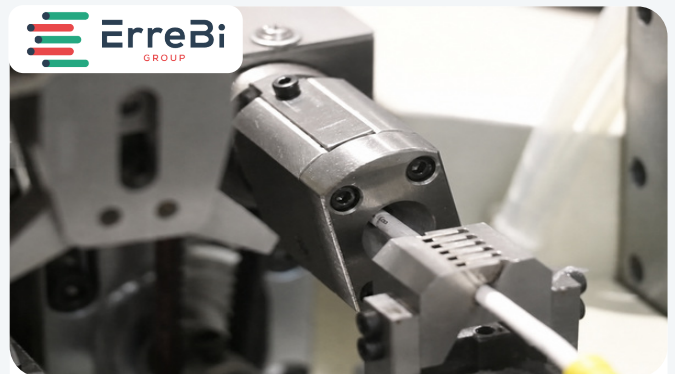
2. Accurate positioning

The terminal is presented consistently to the tooling station.



3. Crimping station

The mechanism aligns the terminal before the crimp stroke.



4. Wire insertion

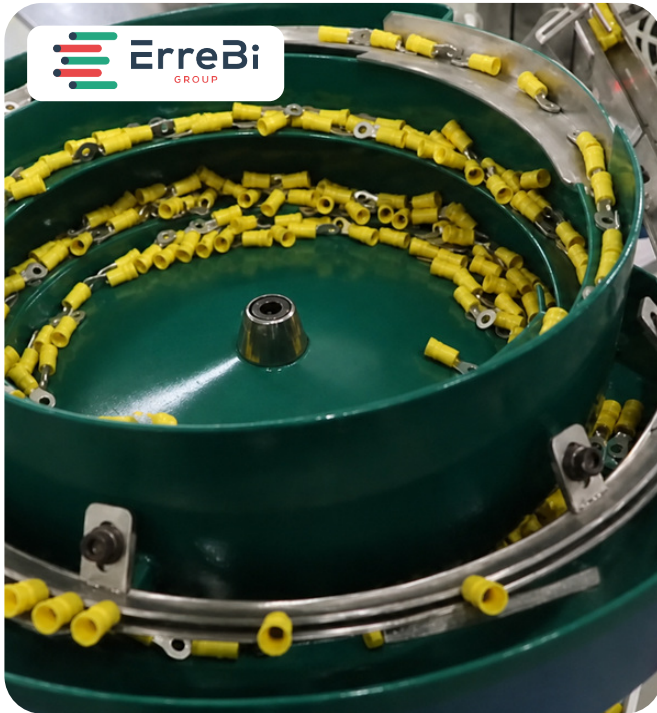
The prepared conductor is guided into the terminal barrel.

Synchronized motion supports repeatable processing on both wire ends

FEEDING

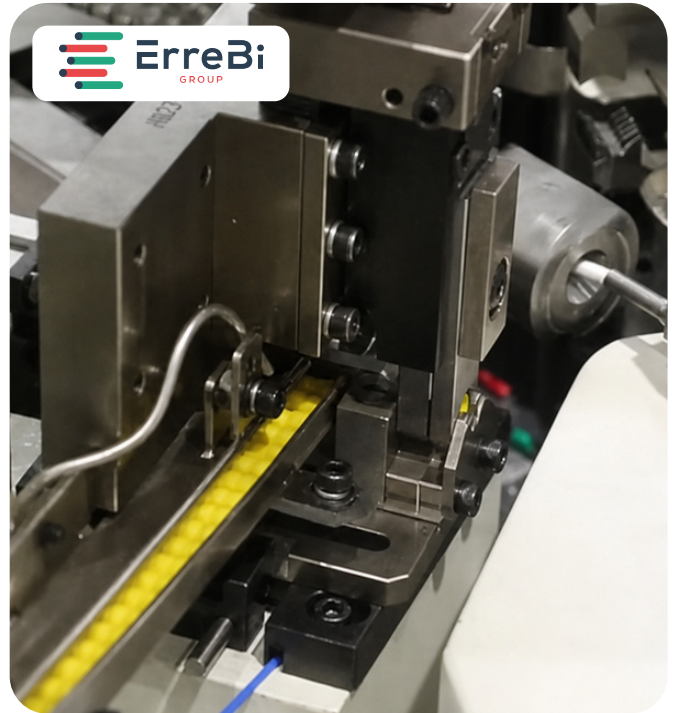
A continuous terminal flow

Double vibrating bowls and guided rails keep both crimping heads supplied.



Automatic bowl feeding

Terminals are oriented and delivered automatically from the vibrating bowl.



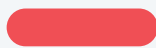
Guided transfer rail

A controlled rail presents each terminal to the processing station.



Three straightener sets

Automatically straighten the incoming wire to stabilize machine operation.



Multiple feed wheels

Shared traction helps prevent wire slip and improves length accuracy.



Rigid machine structure

Nodular cast iron supports stable crimp dimensions over repeated cycles.

Designed to reduce interruptions and maintain stable production

CONTROL

Set, monitor and repeat

English interface for rapid parameter setup and immediate production feedback.


TOUCH CONTROL

Clear settings

Length, strip values, batch output and operating parameters are accessible from one screen.

English operator interface

Program length, strip values, batch quantities and operating parameters from one screen.



Flexible tooling

Standard 30 mm applicator stroke; 40 mm and European tooling options available.



Optional CFM

Real-time crimp-force curve monitoring with alarm and automatic stop.



Built-in detection

Wire run-out, low air pressure and termination error monitoring.

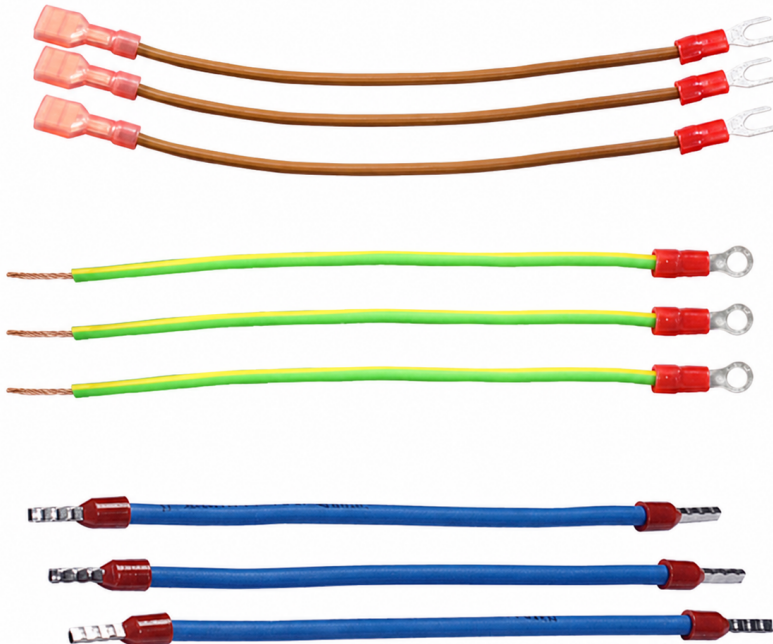
Process visibility

Fast setup / batch management / optional crimp-force monitoring

OUTPUT

Finished wire examples

Examples of cut, stripped and terminated wires produced with the appropriate tooling.



FINAL OUTPUT

Ready for assembly

Finished wires can be prepared for downstream wiring, panel building or harness assembly.

- Programmable cut and strip values
- Both ends terminated in one cycle
- Terminal type depends on the applicator
- Illustrative sample configurations

**From wire to
finished output**

CUT / STRIP / CRIMP

Final wire configuration depends on terminal, applicator and production parameters

SPECIFICATIONS

Technical data

Model	RBEW8160
Wire range	AWG 26 - AWG 14
Strip / twist length	0 - 15 mm
Cutting length	40 - 9,999 mm
Cutting accuracy	$\pm(0.5 + 0.002 \times L)$ mm
Production rate	1,000 - 1,300 pcs/hour
Crimping force	2.0 T
Applicator stroke	30 mm; 40 mm optional
Air pressure	0.6 - 0.8 MPa
Power supply	110 / 220 V - 50 / 60 Hz
Display language	Chinese / English
Dimensions	1,150 x 750 x 1,600 mm
Weight	358 kg
Power plug	European / USA / Chinese

TAILORED

Configure your solution

- 30 or 40 mm applicator stroke
- Compatibility with European tooling
- Optional crimp-force monitoring
- Configuration support from ErreBi



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Data refer to the base configuration and must be technically confirmed when ordering. Output depends on wire, terminal and programmed length.