



MIRA 32

wire stripper

komax

MIRA 32

The Mira 32 electric wire stripper is the ideal entry-level model for semi-automated wire processing when hand tools no longer meet the requirements. It is designed for wires that are used in the automotive and industrial sectors and can be stripped with V-blades.

The machine with setting dials can process leads with up to 4 mm outer diameter and 25 mm strip length. Single-conductor wires and inner wires of multi-core cables can be processed with full or partial stripping.

Versatile uses

- Suitable for single-conductor wires and inner wires of multi-core cables with outer diameter up to 4 mm, respectively 3.3 mm² / AWG 12
- Strip length up to 25 mm
- Short breakout length of 14 mm, 11 mm on request
- Universal V-blades without blade change

Simple operation

- Automatic trigger via sensor
- Three dials for easy adjustment
- Large LED display of the incision diameter with 0.01 mm resolution

Compact and mobile

- Electric drive for versatile use
- Ergonomic carry handle for easy transport



A close-up, high-angle photograph of a wire stripping machine. The machine is made of polished metal and features a large, circular, textured roller. A copper wire is being fed into the machine from the left, and the stripped end is visible. The background is blurred, showing other parts of the machine. A dark red and black diagonal graphic element is in the bottom right corner.

STRIP STANDARD WIRES
QUICKLY AND ELECTRICALLY

STRIP WIRES

IN 0.3 SECONDS



Versatile use

The Mira 32 has universal V-blades, making it unnecessary to change blades. Various cross-sections for PVC, PE or PP wires with an outer diameter of up to 4 mm (AWG 12) or 3.3 mm² can be processed with a single set of blades.

The machine can perform both full and partial strips and has a minimum breakout length of 14 mm, with thin grippers even 11 mm. It therefore can also strip wires for miniaturized connectors with a very short distance between jacket and crimp.

Simple operation

It takes only a few minutes to learn how to operate the machine. The cutting diameter, strip length and pull-off length can be adjusted with just three dials. A precise incision diameter can be set thanks to the large LED display with 0.01 mm resolution. Wire processing is automatically started when the wire tip touches the trigger sensor. For flexible and very thin wires, processing can also be triggered by a foot-operated switch. If necessary, an optional air jet can be supplied for cleaning.

Robust and mobile

With its integrated ergonomic carry handle and compact dimensions, the 4.5 kg machine is easy to transport. All that is needed to operate the Mira 32 is an electrical connection.



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- 01 Mira 32 – very light and exceptionally handy
- 02 Dials for easy settings
- 03 Mira 32 is very comfortable to carry thanks to its ergonomic handle
- 04 Ready for use anytime and anywhere thanks to the electrical connection
- 05 Automatic triggering of wire processing via sensor or foot-operated switch



Strip inner wires of multi-core cables
with short breakout length

Processing examples and functions

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| Full stripping |  |
| Half stripping |  |
| Multi-conductor cables – stripping cores |  |

Technical data

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|--|--|
| Conductor cross-section ¹ | 0.03 – 3.3 mm ² (AWG 32 – 12) |
| Conductor diameter ¹ | 0.2 – 3 mm (0.008 – 0.12 in.) |
| Outer diameter ¹ | 0.6 – 4 mm (0.02 – 0.16 in.) |
| Strip length | 1 – 25 mm (0.04 – 1 in.) |
| Pull-off length | 2 – 25 mm (0.08 – 1 in.) |
| Resolution of the incision diameter display | 0.01 mm (0.0004 in.) |
| Min. breakout length | With standard grippers: 14 mm (0.55 in.) With thin grippers: 11 mm (0.44 in.) With option short breakout length: 7 mm (0.28 in.) |
| Blade type | Universal V-Blade |
| Trigger | Sensor, optional foot pedal |
| Gripper force | Mechanically adjustable |
| Typical cycle time | ~ 0.3 s |
| Electrical connection | 50/60 Hz, 100 – 240 V AC, 40 VA |
| Compressed air connection (air jet for cleaning) | 5 – 7 bar |
| Ambient temperature for operation | 5 – 40 °C |
| Dimensions (W × H × D) | 81 × 191 × 352 mm (3.19 × 7.52 × 13.86 in.) |
| Weight | 4.5 kg (10 lb.) |
| CE conformity | Conforms to the relevant CE directives on machine safety and electromagnetic compatibility. |

¹⁾ We recommend using sampling for wires that are difficult to process and wires at the limits of the specifications.

Options and accessories

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|-------------------------------|--|
| Flat grippers, diamond coated | Avoids gripper marks, for ex. for zero-halogen leads |
| Flat and thin grippers | For breakout length up to 11 mm (0.44 in.) |
| Option short breakout-length | For breakout length up to 7 mm (0.28 in.) |
| Foot pedal switch Mira | Instead of using the cable trigger sensor |
| Air jet | For cleaning |

Komax – leading the field now and in the future

As a pioneer and market leader in the field of automated wire processing, Komax provides its customers with innovative and sustainable solutions for any situation that calls for precise contact connections. Komax manufactures series and customer-specific machinery for various industries, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent networking solutions complete the portfolio, and ensure safe and efficient production. Komax is a globally active Swiss company with development and production facilities on several continents. Komax uses its extensive distribution and service network, which includes local companies and their employees, to support customers across the world on site, thus ensuring the availability and value of their investments after equipment commissioning through standardized service processes.



Market segments

Komax offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.

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YEARS
CUTTING
EDGE

Komax AG
Industriestrasse 6
6036 Dierikon, Switzerland
Phone +41 41 455 04 55
Fax +41 41 450 15 79

komax
komaxgroup.com