



MIRA

670

wire stripper



komax

MIRA 670

The Mira 670 wire stripping machine from Komax is the ideal solution for efficiently processing a wide range of wires and insulation materials. With the ability to process wires up to 26 mm in diameter and strip lengths up to 200 mm, it offers high productivity and excellent strip quality. The machine features a 6-blade rotary head that ensures precise processing and high pull-off force. It also offers intelligent design and features to maximize strip quality, such as a parts library and barcode scanning to get the right data in a flash.

Wide range of wire processing

- Perfect for stripping a wide range of wires and insulation materials, including difficult wires
- Industrial single-core cables, multicore control cables, and jackets of HV cables.
- Outer diameter of up to 26 mm / 1.02 in
- Strip length up to 200 mm / 7.87 in

Excellent strip quality

- Six blades and a rotary cutting head for precise processing and high pull-off force
- Strong pull-off force with compressed air
- Clever functions to maximize stripping quality, such as way back, incision speed, gripper force

High productivity

- Fully programmable
- Time-saving sequential processing of multicore cables
- Article library and barcode scanning for quick item selection

HIGHER PRODUCTIVITY WITH SEMI-AUTOMATED WIRE PROCESSING

The Mira 670 offers high productivity and excellent cutting quality, resulting in more efficient wire processing, higher output and consistently high quality. This enables SMEs to reduce their operating costs and increase profitability.

6-BLADE ROTARY HEAD FOR PRECISE CUTTING AND HIGH PULL-OFF FORCE

Rotating cutting unit
with six blades

FOR LARGE DIMENSIONS AND A BROAD PERFORMANCE SPECTRUM



VERSATILITY FOR ALL CUSTOMER NEEDS

The Mira 670 is capable of processing a wide range of wires and insulation materials, including long and difficult wires. This enables you to respond flexibly to the requirements of different customers and projects, resulting in improved competitiveness.

Versatile Processing

The Mira 670 is perfect for processing a wide range of wires and insulation materials, including difficult wires such as industrial, automotive, control, and power cables. It can handle industrial single-core cables, industrial multi-core control cables, and automotive HV cables (jackets), all with a maximum size of 150 mm² and maximum outer diameter of 26 mm.

Excellent Strip Quality

The machine processes wires up to 26 mm in outer diameter and strip lengths up to 200 mm, providing high cutting and stripping quality with its six blades and rotary head. It also offers functions to maximize stripping quality, such as way back, incision speed, and gripper force. This ensures precise processing and high pull-off force, resulting in excellent strip quality.

High Productivity

The Mira 670 offers a wide range of wire types, strong pneumatic pulling power, and time-saving features such as multiconductor sequencing and automatic part selection via barcode reader. It is fully programmable, allowing one machine to handle many different types of wire, reducing changeover time. The machine's cycle time is 5-7 seconds (depending on the cable). This contributes to its high productivity.

Smart Design

The machine features a smartphone-like touch screen for quick access to frequently used functions, light guides, and windows for optimal visibility. It also includes various wire insertion guides with several sizes and cable parameters, making it an intelligent and user-friendly stripping solution.

Side-by-Side

The 670 has a front waste disposal drawer. This helps keep cable waste from the desk and allows multiple machines to be placed side by side. It is practical and space saving.

01
Waste drawer prevents random side ejections of insulation. Machines can be placed side by side.

02
The wide-opening hood allows optimal access for maintenance and cleaning.

03
Wide range of wire types, especially hard multicore cables, can be processed.



01



02




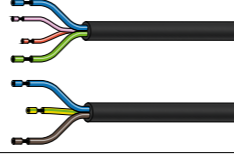
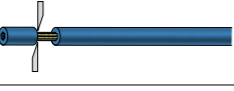



03

Always there for you – Komax Services

- Helpdesk
- Spare + wear parts
- Feasibility test
- Financing

Processing examples and functions

Full stripping		Multi-conductor cables – half stripping	
Half stripping		Multi-conductor cables – various cross sections, stripping lengths and core lengths, in sequences with multi-trigger settings	
Wayback for pull-off			
Multi-conductor cables – full stripping			

▶ Smartphone-like touchscreen with quick access to frequently used functions



Technical data

Single-conductor wire

Conductor cross section (stripping) ¹	2 – 150 mm ²
Max. outside wire diameter	26 mm (1.02 in)

General

Max. strip length ²	1 – 200 mm (0.04 – 7.87 in)
Max. pull-off length	200 mm
Min. breakout length	160 mm (6.299 in)
Increment for incision diameter	0.01 mm (0.0004 in)
Increment for strip length	1 mm (0.039 in)
Gripper force	programmable / adjustable
Blades	6-blade rotary head
Trigger	Sensor, touch screen, optional foot pedal
Data interface	USB port for data backup, barcode scanner
Article library: Max. number of articles	3000
Sequence function: Max. number of steps	100
Sequence library: Max. number of entries	1000
Typical cycle time ³	6 sec
Electrical connection	100 – 240 V AC, 50/60 Hz, 575 VA
User interface	5" color touch screen, multitouch function + dial
Ambient temperature for operation	5 – 40 °C
Dimensions (B × H × T)	336 × 437 × 933 mm (13.2 × 17.2 × 36.7 in)
Weight	75 kg (166 lb)
CE conformity	Conforms to the 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.

²⁾ The maximum strip length is reduced by the length cut from the end.

³⁾ In practice, production rate and cycle time depend on the settings and the operator's experience.

Accessories

Mira foot pedal	Instead of wire sensor tripping
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KOMAX SERVICES

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"Services to get you back in business fast"

*Depending on availability in your region



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At Komax, our focus is on providing our clients with the best possible service and support. Therefore, don't hesitate to contact your local Komax partner to learn more about Komax Services.



Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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