GIRAR 300 SERIES

Electric Bundling Machines



komax

GIRAR
300 SERIES

Perfect results with high efficiency

Thanks to state-of-the-art technology, the Girar 300 minimizes your process times and provides efficient solutions in the areas of insulating, bundling, protection and marking.
With an extremely short process time of just 1.4 seconds, production time can be reduced by up to 80% compared to manual insulation.



THE FEATURES OF THE GIRAR 300 SERIES AT A GLANCE

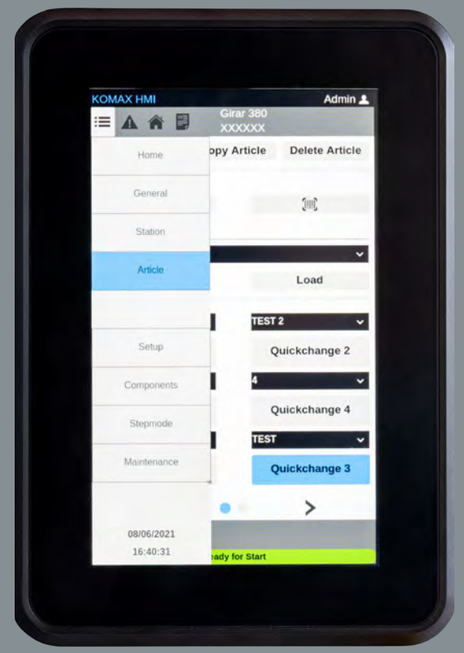
- Short process time
- Flexible and safety
- Ergonomic handling
- Intuitive software
- High product variety
- Durability
- Low material and energy costs

Flexible working

The cable diameters are precisely determined and processed by the intelligent gripper unit.
The wide processing range allows to process diameters from 1 mm to 17 mm. The various parameters can be adjusted to fit your requirements perfectly.
With their minimal space requirements, the machines from the Girar 300 series can be installed in any production line. Thanks to the low weight of just 26 kg, the machine can be moved flexibly to other workstations.

Ergonomics

The ergonomically designed insertion area facilitates handling and ensures a smooth bundling process.





Intuitive Software

Product handling and job management

The software specially developed by Komax ensures intuitive operation.
High article variety – no problem with the Girar 300. Integrated job management enables particularly efficient management and processing of up to 1,000 items. Item selection via barcode scanner minimizes operating errors and speeds up the workflow.

Durability

The adhesive tape and the rolls are protected from external influences such as dirt and dust by the safety cover. This helps to extend the lifetime of the machine.
All components – for example the electronics control system – are supplied by well-known brand manufacturers and ensure excellent machine quality.

STATE OF THE ART

THANKS TO THE PERFECT BALANCE BETWEEN HIGH OUTPUT AND MAXIMUM EFFICIENCY, THE GIRAR 300 SERIES IDEALLY SUITS TODAY'S DEMANDS FOR ECONOMY AND PERFORMANCE.

Low maintenance intensity
An automatic display of maintenance intervals, an automatic blade oiling system with oil level detection and the maintenance position of the bundling unit ensure that the Girar 300 is a welcome guest for all maintenance personnel.

Connectivity
Optionally, the Girar 300 can be connected to an upstream welding module. Process reliability is boosted.
A connection to your MES system is also available. We are happy to offer our support in creating optimal integration.

Think Green
With the Girar 300, Komax has succeeded in creating the ideal combination of performance and energy efficiency. It's a real winner with energy savings of up to 35% – a genuine contribution to sustainability.



▲ Girar 380 – Middle splice application

TWO APPLICATIONS. ONE PLATFORM.

THE GIRAR 300 SERIES COMBINES SOLUTIONS FOR INSULATING BOTH MIDDLE SPLICES AND END SPLICES ON A SINGLE PLATFORM. THIS PROVIDES USERS WITH MAXIMUM FLEXIBILITY WHILE ENSURING CONSISTENT OPERATION AND PROCESS QUALITY.

Girar 385
The Girar 385 has been specifically designed for insulating end splices. It enables precise, fast, and repeatable processing while offering all the benefits of the Girar 300 platform—from intuitive operation to high efficiency.



▲ Girar 385 – End splice application

THE ANSWER TO RISING ENERGY COSTS

35 % LESS ENERGY CONSUMPTION WITH THE GIRAR 300.

Economic benefits

Process time. Material costs. Energy costs.

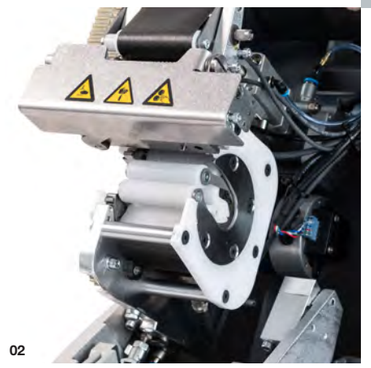
When it comes to cost-effectiveness, the machines of the Girar 300 series are real winners across the board. Compared to manual processing, the Girar saves approx. 80 % in production time. With the help of the intelligent gripper unit, the required length of adhesive tape is calculated with millimeter precision. This ensures even tape consumption, regardless of the operator, which guarantees consistently high quality and reproducibility.

Tailor-made solutions

Whether tape detection, tape end detection, pull-off aid or air nozzle – our options are as varied as your products. Please don't hesitate to contact us. We will find the optimum solution for you.

01
Perfect tape guiding
02
Optimized winding head with larger processing spectrum
03
Gripper unit with adjustable gripping force
04
Specially hardened and sharpened blades for different tapes
05
Covering of all moving parts and protection of the tape


01

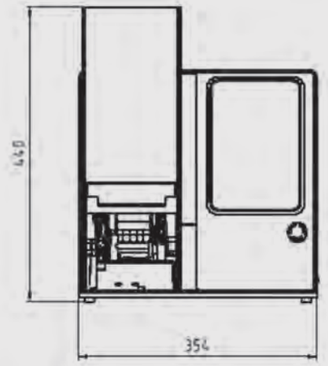

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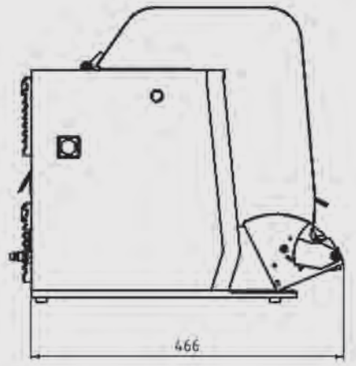

03

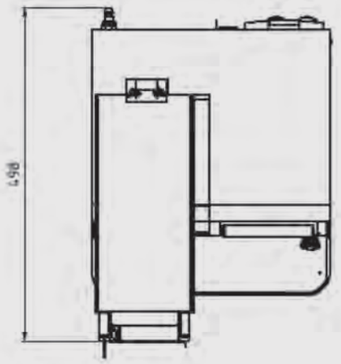

04



05







Technical Data – Girar 300 Series

Application	Fixation or marking of cables
Dimensions (H x W x D)	440 / 354 / 498 mm
Weight	ca. 24 kg
Bundle diameter	2–17 mm Protective guards may reduce the maximum achievable bundle diameter.
Operating voltage	3/N/PE, 230 V, 50 Hz
Control voltage	24 V
Connected load	600 W
Electrical connection	CEE 7/7, max. 10 A
Operating pressure	6 bar
Outer tape diameter	190 mm
Tape width	19, 38 oder 50 mm
Tape roll core diameter	1,5' oder 3'
Surrounding temperature	+10 °C bis +40 °C (50 °F bis 104 °F)
Daily noise exposure level $L_{EX, 8h}$	≤ 80 dB(A)
Peak sound pressure level $L_{pC, peak}$	≤ 135 dB(C)
Slow-blow fuse	4 A, 250 V

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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Illustrations and descriptions contain additional equipment. Subject to changes as a result of technical development.

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