



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
- Flexibility and safety
- Ergonomic handling
- Intuitive software
- High product variety
- Durability
- Low material and energy costs

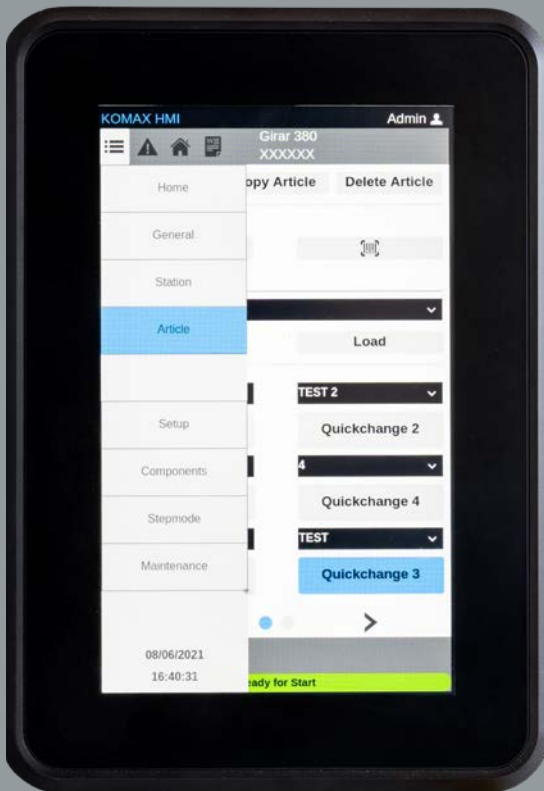
Flexible working

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.



▲ Girar 300 with upstream welding module and welded and insulated cable samples



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.

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.

THE ANSWER TO RISING ENERGY COSTS

35 % LESS ENERGY CONSUMPTION WITH THE GIRAR 300.

Economic benefits

Process time. Material costs. Energy costs.

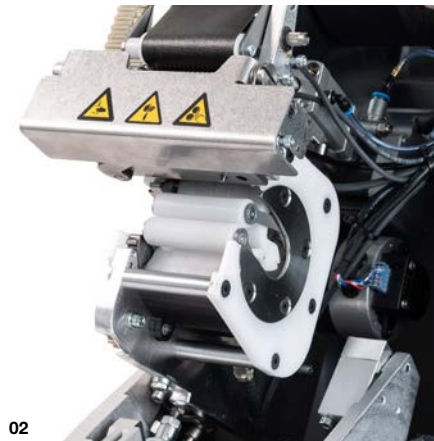
When it comes to cost-effectiveness, the machines of the Girar 300 series are real winners across the board. Compared to manual processing, the Girar saves approx. 80% in production time.

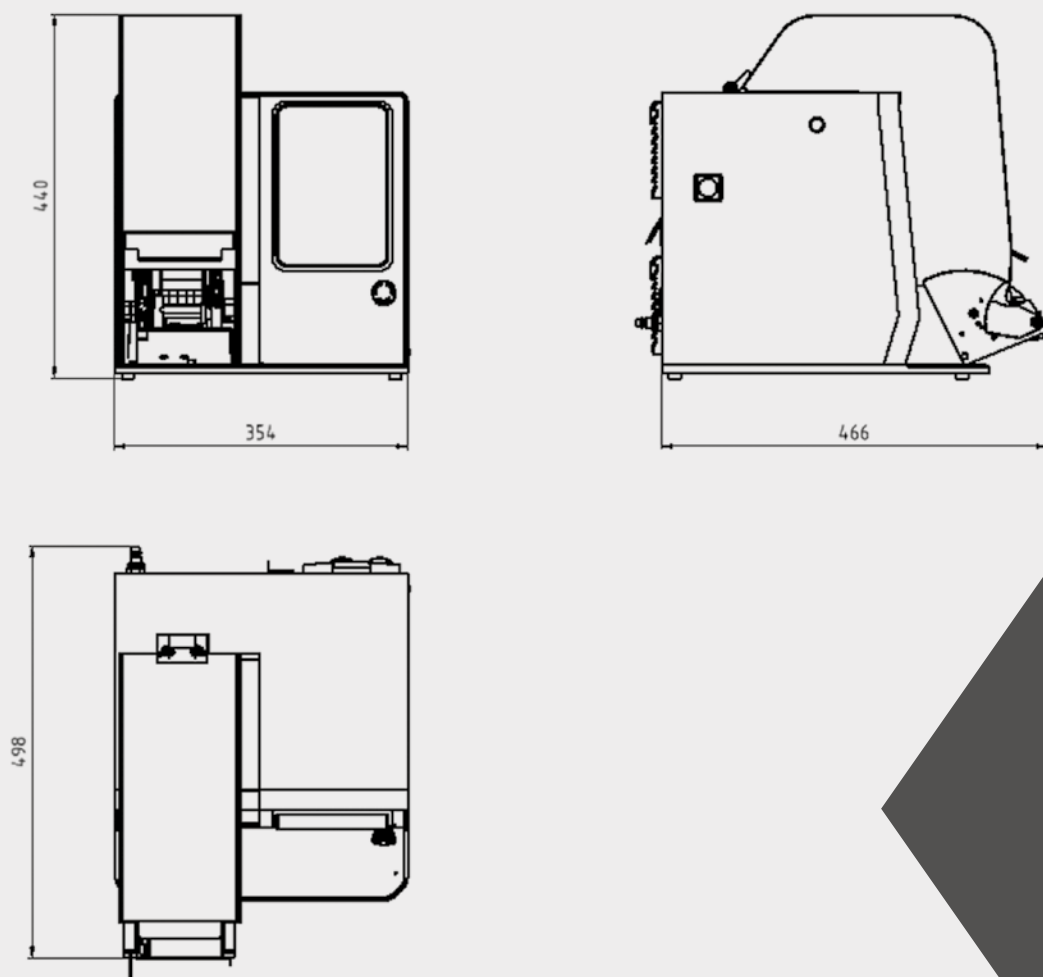
With the help of the intelligent gripper unit, the required length of adhesive tape is calculated with millimeter precision. This ensures even tape consumption, regardless of the operator, which guarantees consistently high quality and reproducibility.

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





Technical Data – Girar 300 Series

Application	Bundling, protection, insulating, marking and labeling of different adhesive tapes (also suitable for very small diameters)
Adhesive tape data	
Adhesive tape width	9 to 50 mm
Tape roll core diameter (standard)	3.0"
Outer tape diameter	180 mm
Bundle diameter	1 to 17 mm
Total diameter (bundle + tape)	18 mm
Machine data	
Electrical connection	L/N/PE 100–240V AC 50–60HZ ±10%
Connected load	600 W
Back-up fuse	16 A
Operating pressure	6 bar
Dimensions (HxWxD)	440 mm x 492 mm x 354 mm
Weight	26 kg

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.