

## Additions to the Kappa 3xx Product Family

Kappa 310, Kappa 320 and Kappa 321 – Major increase in performance



*After the successful product launch of the new Kappa generation with the machine types Kappa 330 and Kappa 350, we are pleased to present further additions to the Kappa family. The three new machine types are based on the latest generation's successful and innovative designs. These new products combine performance and increased force with simple touch operation. The possibilities opened up by sensors make the automatic Kappa 3xx cut and strip machines even more unique!*

**Erich Bachmann** Product Manager

### Sensors – Automated setup and process monitoring

The diverse and practical possibilities opened up by intelligent new sensors are a big enhancement for all new Kappa models in the 3xx generation. One inductive and one optical measuring unit permit the user to set up new wire materials automatically at the press of a button. The most important wire parameters such as outside diameter and conductor diameter can be measured precisely, eliminating the need for operators to go through elaborate setup procedures. Optimum process monitoring and early detection of incorrect states are also ensured by the monitoring systems and further boost the productivity of the system. Cut losses are a thing of the past.

### Kappa 310 – Compact high-speed machine for strand up to 6 mm<sup>2</sup> in size

The compact, space-saving design of the Kappa 310 accommodates a broad processing range of 0.02 mm<sup>2</sup> to 6 mm<sup>2</sup> while ensuring high production output. Special attention was paid to achieving controlled processing of the finest wire sizes. All process parameters can be saved in this machine, along with transport pressure values.



Kappa 310

The Kappa 310 is the perfect choice for simple applications at a reasonable price.

### Kappa 320 – Diversity of options for broad application range for strand up to 10 mm<sup>2</sup> in size

The Kappa 320 offers a host of options, such as inkjet marking, short wire length, parallel processing, special wire processes or additional length measurement encoder. The sensors and quick-change blades are features that reduce machine setup times and wire change times to a minimum. From this machine type and higher, all fully automatic cut and strip machines can be controlled and networked via TopWin PC software.

### Kappa 321 – The flexible application machine (multi-functional machine)

The real standout feature of the Kappa 321 is the new patented swivel technique utilized in the wire drive axes, which allows two different processing positions to be approached. This feature opens up a variety of special applications as well as the processing and separation of inner conductor cables.



Kappa 320

With the separation option, inner conductor cables can undergo controlled processing even when ultra-short stripping lengths are involved. The Komax solution largely eliminates any pulling forward of the wire insulation during separation. The Kappa 321 can also be fit with two different pairs of blades to enable the optimum processing of special cables. The new machine design is characterized by great operational flexibility.

#### **Platforms, expertise – Additional benefits across the entire line**

The new Kappa generation utilizes a highly flexible platform. Unified software designs over the entire Kappa line reduce training costs to a minimum. The intuitive touch controls have a large number of user prompts that make the machine extremely easy and efficient to operate. In addition, up to six upstream and downstream devices can be controlled in parallel thanks to the standardized interface with the peripheral equipment. The USB port for software updates and data backup is also a standard feature in all products.

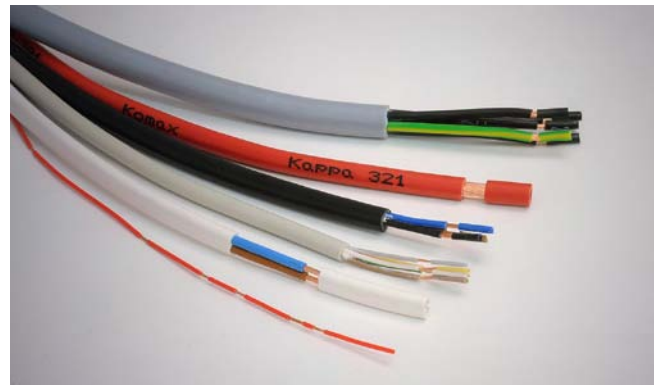


Kappa 321

#### **Kappa 3xx – The new product line with a big application range**

All new fully automatic cut and strip machines have a larger range of applications than the predecessor models. The stronger and more precise axles allow even higher travel speeds for economical operation. The diverse array of options and applications has been rounded out to enable complex processing combinations and the setup of production lines that are even more complex.

Komax has built here on its years of experience with the successful Kappa 2xx generation. The object is to offer new capabilities that cover an even broader range of market needs with economical products.



Wire samples

#### **YOUR BENEFITS**

- Broad product range for large selection of applications
- Broad and diverse choice of options and solutions for a large range of applications
- High performance drive systems for the economical use of machine lines
- Intelligent sensors for the automated measurement of key wire parameters and reduced setup times
- Intelligent sensors for optimum process monitoring and early detection of errors
- Intuitive, flexible and simple controls with touch interface
- PC-control and networking capabilities for Kappa machines
- Optimum support from Komax with its vast experience in wire processing