



X1592

sleeve module

komax

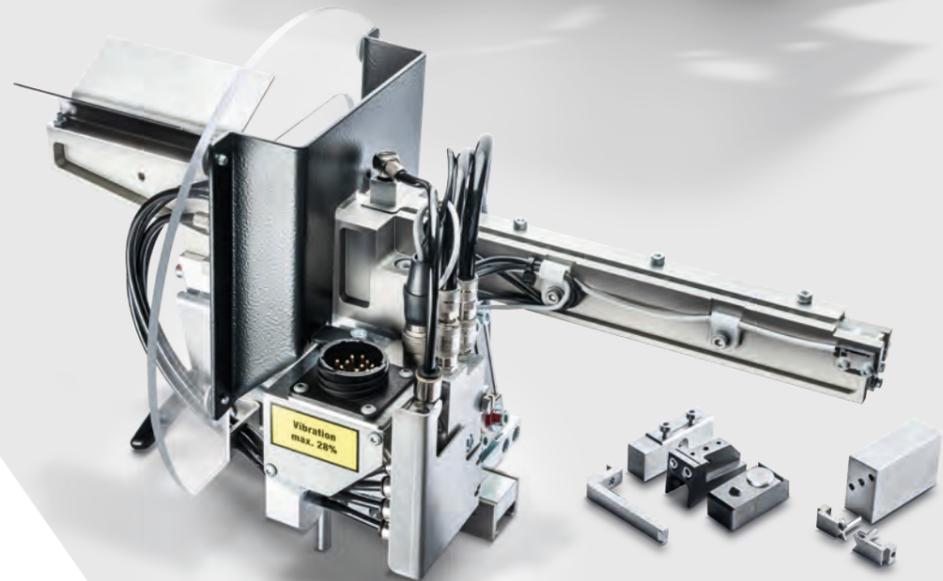
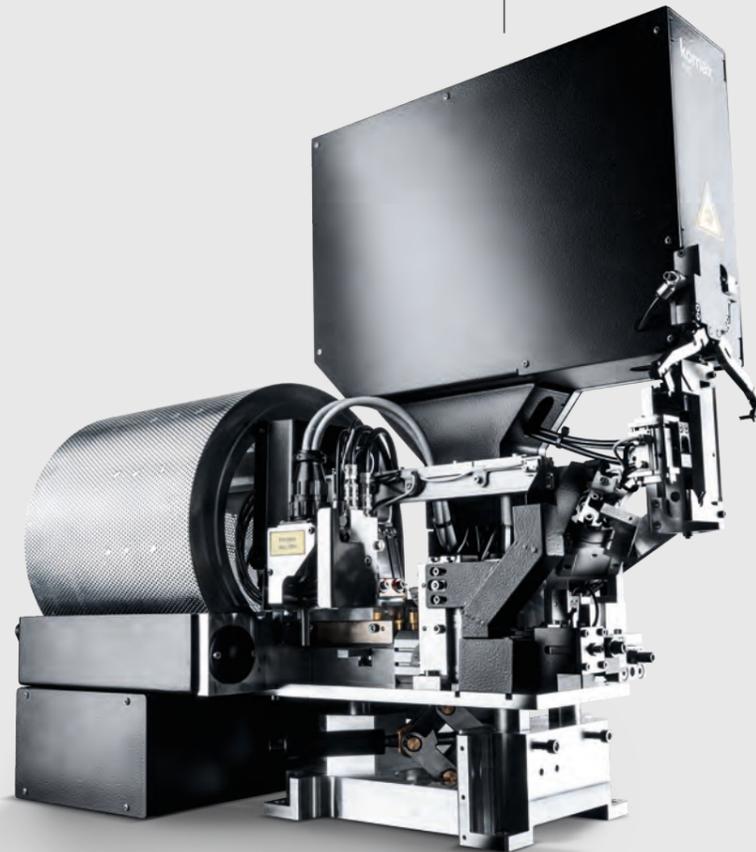
X1592

The X1592 can assemble wires with over 70 different sleeve types. An integrated wire gripper ensures efficient placement of the sleeves, even with soft wires. With high performance and short changeover times, the module is enormously efficient. A two-stage placement process and optional quality control ensure reliable quality and the best results.

HIGH SLEEVE VARIANT DIVERSITY WITH SHORT CHANGE OVER TIMES

Robust and fast sleeve processing

- High flexibility. Over 70 different sleeve types processable on a single module.
- Minimum machine downtime. Changeover to other sleeve type within 15 minutes.
- Two-stage sleeve assembly ensures stable process and high reliability.
- Even soft flexible wires can be easily processed with an integrated wire gripper.
- Quality control with optional pull-out force measurement minimizes time consuming rework.
- Fast sleeve loading and short changeover times ensure optimum overall performance of the machine unit.



01



02



03

Reliable and efficient

The X1592 is built for sleeve types with crimp sizes 2.8, 4.8 and 6.3 mm. Sleeves for special crimp sizes and bipolar housings are available upon request. The sleeve module stands for reliable processing and a high performance. The fast feeding and insertion of the sleeves contributes to a high overall machine output. The changeover of the application tool is fast and easy, so a material change is not a big deal.

Wide range of application sets for over 70 sleeve types

According to the size and shape of the sleeve, there are suitable application sets available. These sets, consisting of a sleeve track and tooling set for every

sleeve variant, can be changed in just a few steps. The module is available for production again after only 15 minutes.

User-friendly and easy to operate via HMI

Equipped with a HMI interface, the module can be integrated quick and easy in a HMI controlled manufacturing machine like Alpha. The intuitive parameter setting is self-explanatory and requires only a minimal number of factors to ensure real-time production data and perfect process control via HMI.

01 Compact design of the module for low space requirement.

02 A large selection of different application sets for various sleeve types is available.

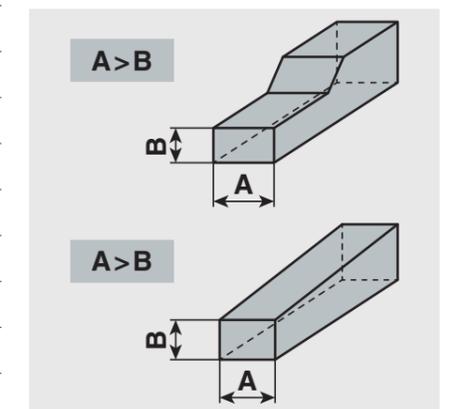
03 Perfectly applied sleeves for the highest quality demands.

Technical data

Machine types	Alpha 530, Alpha 565 HMI, Alpha 550 HMI (on request), Zeta 640, Zeta 650 TW (on request)
Sleeve types	2.8, 4.8, 6.3*
Changeover to other sleeves	Yes
Changeover time to another sleeve	< 15 min.
Insertion output	Up to 2400 pieces / hour
Communication	EtherCAT
Voltage	90 – 240 VAC, 100 VA
Compressed-air connection	5 – 8 bar
Air consumption	4.5 m³/h
Dimensions (W×H×D)	250 × 590 × 620 mm
Weight	26 kg

* Special sizes and sleeve types upon request. Final confirmation is made following an evaluation of the samples.

Ideal geometry is as follows:



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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