



# IOTA 330

cut and strip



# IOTA 330

As an all-round solution in the cutting machine segment, the Iota 330 has universal scope for application. The unit is designed to cut a wide variety of coiled materials to an exact length (up to 1,000 m), such as heat-shrink tubing, pneumatic hoses, cables, plastic bands and much more. The Iota 330 does the job carefully and reliably while guaranteeing user-friendly operation.

## Simple and intuitive

- intuitive user convenience
- five hard keys with key functions combined with touch panel

## Universal and quick

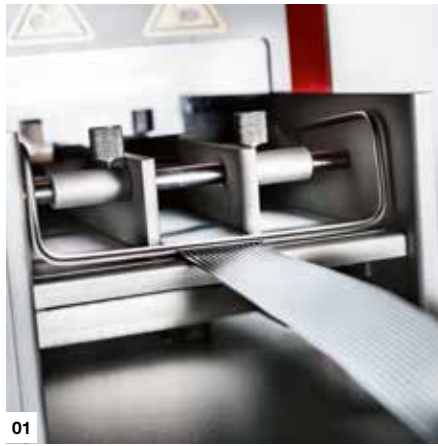
- for various materials
- for various diameters of up to max. 25 mm
- for widths of up to 82 mm
- for wire cross sections up to 35 mm<sup>2</sup>
- for high production rates thanks to parallel processing with one to four lanes

## Careful and precise

- belt drive with multiple supports
- closing distance to the diameter of the material can be manually set
- adjustable applied pressure

## FOR PRECISE CUTS AT ALL TIMES





- 01**  
One-lane feeder
- 02**  
Horizontal cable ejection channel for long cutting material
- 03**  
Four-lane feeder
- 04**  
Sloping cable ejection channel for short cutting material

### Robust, careful processing

The belt drive with multiple supports guides the material to be cut through to the cutting blade and guarantees precise positioning. The applied pressure and closing distance of the belt drive can be adjusted according to the situation at hand.

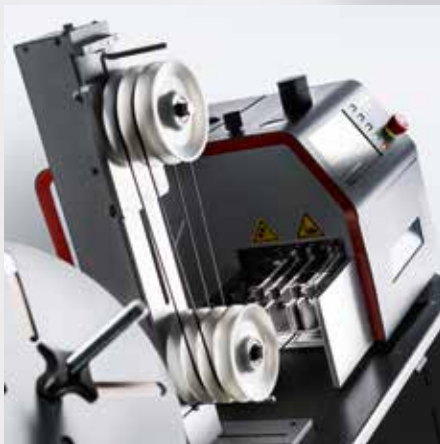
The Lota 330 meets all requirements expected of a reliable, robust all-purpose cutting machine. It provides excellent performance, power and quality. The compact size keeps space requirements low and enables it to be transported with ease. Maximum production output is achieved thanks to the unit's four-lane parallel processing capability.

### Smart handling

The Lota 330 is ready for use after pressing the 'Power On' button. The material to be cut is clamped in place according to the closing distance and applied pressure settings of the belt drive. The product length, number of pieces and batch size can be set via the touchscreen. The desired end product can be verified using the sample function, and the machine can then be started. Five buttons serving as hard keys for the most common operations, along with the touch display, enable simple handling and quick changeover for a wide range of materials without the use of any tools.



- 05**  
The five hard keys from top to bottom:  
Open and close belt drive  
Manual feeder  
Zero-cut  
Start production  
Stop production



**left**  
**Possible prefeeder**

### **All-round unit with attractive design**

The lota 330 is the ideal cutting tool thanks to maximum flexibility, processing reliability and precision. Prefeeders can be easily integrated. The lota 330 provides an external encoder output along with two I/O and an Ethernet connection to serve as interfaces. This robust and powerful cutting unit can deliver precise cuts for wire cross sections of up to 35 mm<sup>2</sup> (AWG2).

The lota 330 boasts an impressive design and ergonomic values. The emphasis on clear lines makes it instantly recognizable as a product developed by market leader Komax.

## Technical data

Length range	1 – 1,000,000 mm
Length accuracy	+/- (1 mm + 0.2% x L)
Cable cross-section	0.14 – 35 mm <sup>2</sup> (braid), AWG 26 – 2
Maximum admission height	16 (0.63 in.) – 25 mm (0.98 in.) in the center of the belt drive
Maximum admission width	82 mm (3.2 in.)
Batch size	1 – 99,999 pieces
Noise level	< 70 dB
Electrical connections	100 – 240 VAC/5A, 50/60 Hz, 320 VA
Compressed air connection	6 bar
Dimensions (W x H x D)	385 x 510 x 525 mm (16 x 20 x 21 in.)
Weight	37.3 kg (82 lbs.)
Interfaces	2 x I/O, encoder output, Ethernet

## Options and accessories

Various cutting blades

Prefeeder, ads 112, ads 115, ads 119, F1150

Production table

Separation track for parallel processing

## Processing examples





## Komax – leading the field now and in the future

As a pioneer and market leader in the field of automated wire processing, Komax provides its customers with innovative and sustainable solutions for any situation that calls for precise contact connections. Komax manufactures series and customer-specific machinery for various industries, catering for every degree of automation and customization. Its range of quality tools, test systems, and intelligent networking solutions complete the portfolio, and ensure safe and efficient production. Komax is a globally active Swiss company with development and production facilities on several continents. It supports customers locally in more than 60 countries with its extensive distribution and service network, ensuring the availability and value of their investments after equipment commissioning through standardized service processes. Komax includes more than 30 companies worldwide and employs around 1700 members of staff.

**40**  
**YEARS**  
CUTTING  
EDGE

### Market segments

**Komax offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.**



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