

Length cutting machine

UV60 / UV60-U

for the confectioning of belts, narrow fabrics and tubular goods



UV60 /UV60-U

Concept

The universal machines of the UV60 series are designed for the make-up of medium-weight and heavy belts and tubular goods.

For example for:

- Cutting to length
 - Hot/ultrasonic: straight or formed cut
 - Cold: straight
- Perforation: hot/ultrasonic
- Pressing: with hot cutting and perforation
- Marking with sealing film
- Defect cutting, destacking, etc.

A wide range of special equipment is available making numerous applications possible. The user can simply and quickly programme the working phases using the appropriate tools.

Main features

- Good price/performance ratio
- High levels of operating and service friendliness
- Outstanding economy
- Versatility of application
- Reliable function
- Easy and fast setting and alteration due to product parameter storage and retrieval
- Belt processing in one operation, no manual interim steps
- Clean cut edges and automatic marking for simple further processing
- Form cutting with waste disposal
- Possibility for modification or enlargement at any time

Standard equipment

- Sensor for material end identification, electronic length measurement
- Straight, hot knife with electronic temperature regulation up to 450°C
- Pressing device for the embossing of remelts
- Plexiglas protective housing with emergency off function and extraction connection

Machine controls

SPS-controls with operator-friendly touch screen for the following program functions:

- Length pre-selection in mm
- Article counter with pre-selection

- Programming of marking, perforation positions and material lengths
 - Data management for over 1,000 articles
 - Automatic fault surveillance, registration of system standstills and malfunctions
- Following programming the machine is operated by 5 light buttons.

Options/additional equipment

- Slub identification with optical sensor.
- Switch-off device in the case of material feed over-tension
- Drive for the reduction of material feed tension
- SENSOR mechanical material defect finder
- Recognition of already marked material faults
- Version for the simultaneous, parallel cutting to length of two articles
- Marking device with sealing film
- Hot perforation device
- Form cutting with waste removal
- Ultrasonic cutting and perforation device (UV60-U)
- Cold cutting device instead of the hot cutting device or as an extra
- Sorting flap for rejects
- Destacking device
- Feely selectable running direction, optimum workplace design through mirror image machines
- Automatic tool changer for various cutting devices
- Servodrive for extremely precise, high-speed applications

Technical data

Material width 15 – 100 mm (optional 150 mm)

Material thickness up to 4 mm

Material advance up to 70 m/min

Connecting values

Installed capacity	5.0 kW
Mains connection	3 x 400 V+N+PE / 50 Hz
Compressed air	6 bar

Dimensions

Width	1260 mm (depending on options)
Depth	1230 mm
Height	1820 mm (+ 850 mm for sliding doors)

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Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

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