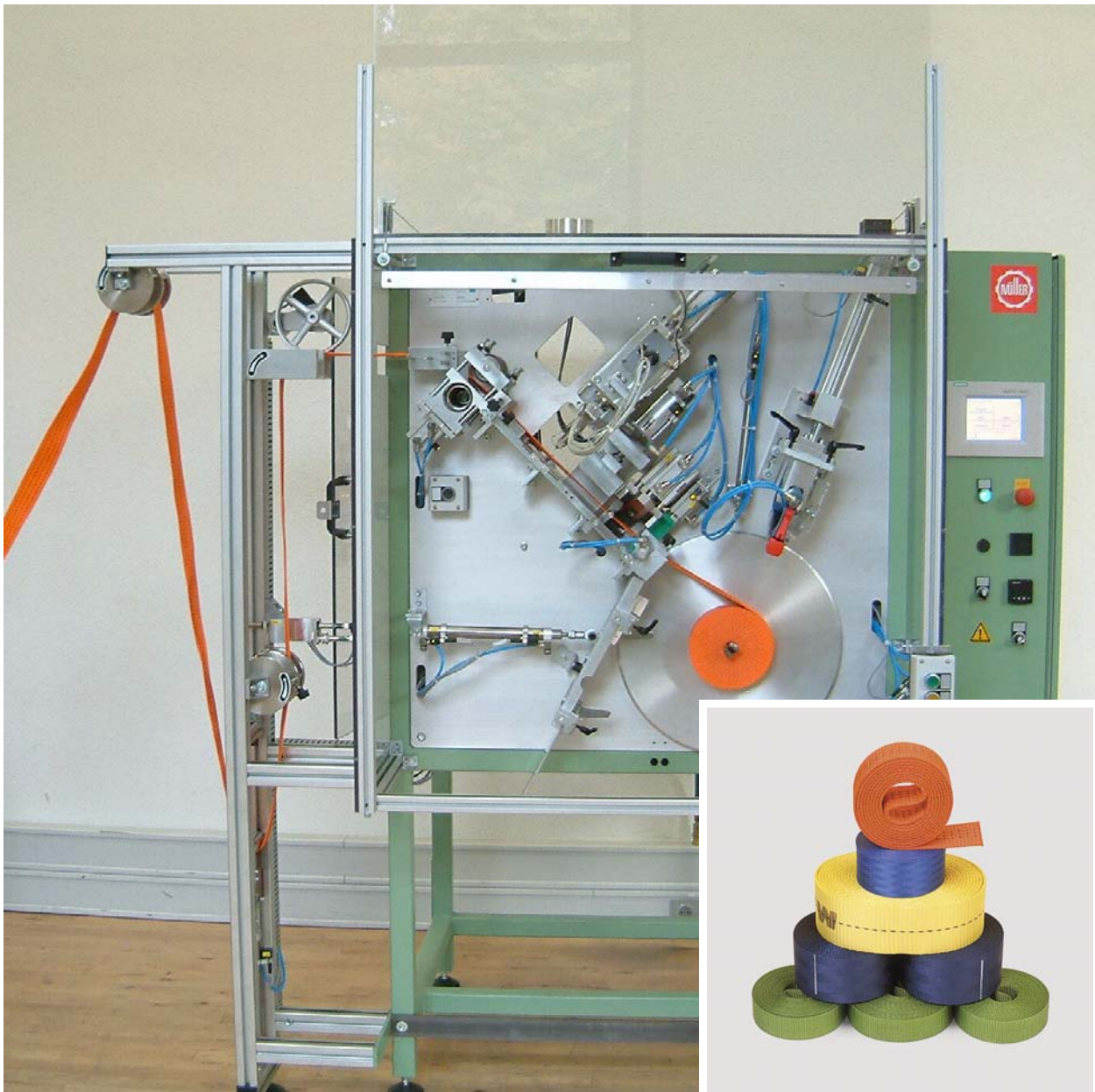


Length cutting and winding machine

UV60-W

for non-elastic belts, universal application



UV60-W

Concept

The UV60-W is especially suitable for the make-up of medium-weight and heavy, non-elastic belts. The rolls are coreless wound from the start of the belt. Rolling from the middle is also possible, thus leaving both belt ends free for further processing. The machine is designed for both short and large rolls. The end of the belt can be fixed with a metal clip. This universal machine is also suitable for the cutting to length of the belts without rolling.

Main features

- High production performance / major advantages.
- Mature, practically proven concept, versatility of application.
- High levels of operating and service friendliness.
- Stable, compact design.
- Clean cut edges and automatic marking for simple further processing.
- Easy and fast setting and alteration due to product parameter storage and retrieval.
- High levels of process safety.
- Possibility for modification or enlargement at any time.

Standard equipment

- Sensor for the identification of the belt end, electronic length measurement.
- Straight, hot knife with electronic temperature regulation up to 450°C.
- Pressing device for the embossing of remelts.
- Core-free winding device.
- Clip device for roll end fixing.

Machine controls

SPS-controls with operator-friendly input device for the following program functions:

- Length pre-selection in mm.
- Article counter with pre-selection.
- Programming of marking, material length, as well as clip positions.
- 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

- Roll-off shaft for belt rolls.
- Slub identification using optical sensor.
- Switch-off device for over-tension in the material feed.
- Drive for the reduction of material feed tension.
- SENSOR mechanical material fault finder.
- Recognition of previously marked belt defects.
- Marking device with sealing film.
- Rotating knife for angle cut (-45°/+45°).
- Cold cutting device instead of the hot cutting device, or as an extra.
- Clip device with large magazine
- Sorting flap to separate rejects.
- Transport belt for the removal of lengths.
- Feely selectable running direction, optimum workplace design through mirror image machines.
- Bobbin layering on cardboard cores.

Technical data

Material width max. 100 mm (optional 150 mm)

Material thickness up to 4 mm

Min. material length for winder 700 mm

Material advance up to 70 m/min

Winding speed up to 120 m/min

Max. winding Ø 300 mm (options 400 / 600 mm)

Inside winding Ø 30 mm (options 30 – 125 mm) through exchangeable mandrels)

Production e.g. 6 rolls per minute each with a length of 5 m.

Clip fastening

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 (+ 300 mm for drive)

Depth 1230 mm (+ 240 mm for large clip magazine)

Height 1820 mm (+ 850 mm for sliding doors))

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