

Maschinen GmbH

Fully automatic strap rolling machine GRA 1

INTELLIGENT
RIBBON PROCESSING



Fully automatic strap rolling machine for rolls up to 400 mm diameter

The strap rolling machine can cut, mark and roll up straps. Its versatility in programming allows various combinations of the mentioned possibilities, for example:

- Roll up and cut straps
- Cut material to length and transport it to the box (without rolling up)
- Loop rolling: Beginning and end of the material on the circumference of the rolls are freely accessible, this allows easy further processing in sewing machines.

If the material has been rolled up, the roll is ejected at the end of the cycle and falls out of the machine into a box.

Standard equipment:

- For strap widths of 25 – 120 mm
- Strap thickness approx. 1 – 4 mm
- Regulation of mandrel revolutions with increasing roll circumference
- Programmable length marking with embossing stamp and thermal transfer film
- Length measurement system
- Cycle counter

Options:

- Hot cutting device / cold cutting
- Strap fixation with stapling device BeA 98/25-551
- Connection to customer exhaust system
- Defect sensing (thick spots) of the strap with end-of-strap detection
- Creel with delivery unit to supply the material with frequency-controlled drive out of boxes. Alternatively, also as a "combination creel" for supply from boxes and from spools with side discs maximum diameter approx. 800 mm. Pneumatic clamping of the supply spools in the creel.

Technical Data:

Winding heads:	1
Strap widths:	25 – 120 mm
Ø finished product:	max. 400 mm
Winding speed:	10 – 214 rpm
Air consumption:	max. 1,5m ³ /h
Air pressure:	5 - 12 bar
Electrical connection:	230/400V / 50/60Hz
Power consumption:	4 kW
Max. current consumption:	6 A
Machine weight:	ca. 1200 kg
Creel weight:	ca. 350 kg
Space requirement machine:	1850 x 1300 mm
Space requirement creel:	1800 x 800 mm

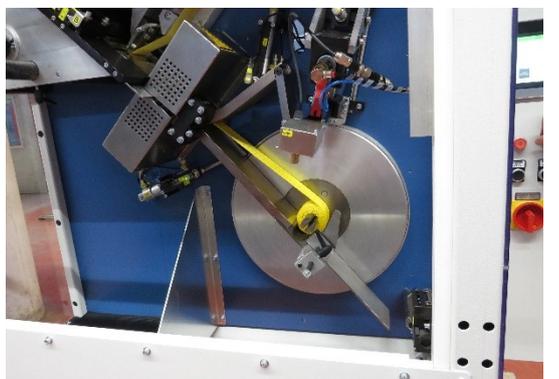
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display



Measuring wheel



winding process

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