

Automatic winder for surgical dressing materials

VWA203 / VWA303

for winding-up elastic and non-elastic bandages,
dressings and tricot tubes



VWA203 / VWA303

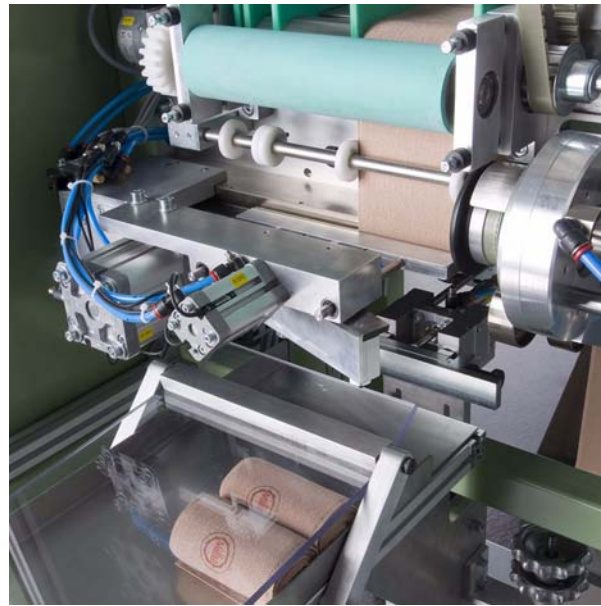
Concept

An automatic machine for winding elastic and non-elastic bandages, dressings and tricot tubes. The rolls are wound centreless and not fixed at the end. The material must not be strongly adhesive, because the winding mandrel is withdrawn from the roll at the end of the cycle.

This is a very high-speed automatic winder with freely programmable electronic control of the winding operation. It is of modular design, so that machines with one or more spindles may be provided. Each spindle may be operated independently of the others with its individual drive, pneumatics and sensors. It is therefore possible to wind up different articles at the same time.

Special features

Electronically regulated strip tension for uniform rolls. The winding tension can be preselected by the operator for the start, middle and end of the winding operation. Numerous parameters freely programmable by the operator are available for controlling the entire winding cycle.



Winding spindle for max. 4 strips of different widths



SU200 for the application of a silicone strip for selvedge end sealing

Options and extras

- Repeat mark detection, e.g. for end sealing with latex, transfer labels, hot melt or ultrasonic
- Gripper device for active roll take-off and placing on a conveyor belt
- KA200 / KA300 shrinker before infeed
- PP tampon printing machine, available with 1, 2 or 3 colours
- SU200 Device for the application of a silicone strip for selvedge end sealing

Advantages

- High production, high efficiency
- Mature, industrially proven concept, wide application versatility
- High attendance- and service-friendliness
- Convertible and extensible at any time
- Easy and speedy changeovers by storable, call-up parameters
- Strong, compact construction

Models

- VWA203-1 machine with 1 winding spindle
- VWA203-2 machine with 2 winding spindles
- VWA303-1 with thrust bearing for 1 winding spindle
- VWA303-2 with thrust bearing for 2 winding spindles



Tampon printing machine

VWA203 / VWA303

Technical data	VWA203	VWA303
Strip width up to	220 mm	320 mm
Strip thickness up to	3 mm	
Centreless winding inside	12 x 12 mm (option 10 x 12 mm)	
Max. roll diameter	80 mm (option 140 mm)	

Feed (example VWA203):

Per spindle adjustable for 1 to 4 bandages side by side to each winding spindle:
1 x 220 mm or 2 x 100 mm or 2 x 80 mm or 3 x 60 mm or 4 x 40 mm

Productivity (example VWA203):

Per spindle 12-15 rolls per min. with 4 m stretched material

Installed loads (e.g. VWA203-1)

Power consumption 3.0 kW
Power supply 3 x 400V+N+PE/50Hz
Compressed air 6 bar

Dimensions	VWA 203-1	VWA 203-2	VWA 303-1	VWA 303-2	Production line SU200 / PP2 / VWA203
Width mm	1300	2260	1600	2800	5400
Depth mm	800				
Height mm -Slide doors open mm	1800 2200				



Production line SU200 / Tampon printing machine PP2 / VWA203

The Jakob Müller Group

Müller researches, develops, engineers and manufactures top technology – from individual subsystems to entire system solutions, including program-

ming, warping, weaving, knitting, dyeing, finishing and making-up of narrow fabrics, webbings, labels and knitted goods.

Application areas

- Clothing
- Underwear
- Sports/leisure wear
- Footwear
- Furniture/household textiles
- Medicine
- Transport
- Conveyors and drives
- Electronics
- Building electronics
- Field technology

Narrow fabric weaving and make-up

- Product range for producing all narrow fabrics
- Complete machine range for warp patterning with dobby or jacquard shedding
- All-embracing system solutions:
 - warping
 - pattern creation
 - narrow-fabric weaving
 - dyeing and finishing
 - photo-optics quality inspection
 - winding, spooling, rolling and layering narrow fabrics
 - Making-up narrow technical textiles

Narrow-fabric warp knitting with weft insertion

- Complete machine range for:
 - knitted goods from very simple to extremely complex designs
 - virtually unlimited repeat lengths
- Patterning versatility and unexcelled flexibility
 - proven Müller compound needle
 - technology for runproof products

- Top output capacities:
 - greater knitting width
 - top running speeds

Label weaving

- Complete system solutions developed specially for label production:
 - pattern creation
 - label sampling
 - label weaving
 - label cutting and folding
- Systems for labels with woven or cut edges
- Machines with highest speeds and minimum space requirement (needle, rapier and air technology)
- Product range to satisfy all qualitative and quantitative requirements

Your benefits as Müller customer

- Technology from one source where the emphasis has been on nothing else than narrow fabric manufacturing equipment for more than 110 years.
- Collaboration with a supplier employing over 1000 people exclusively in the production of tape and narrow fabric machinery.
- System solutions for your entire production – all from one source, one partner.
- Machines of robust, compact design, engineered to embody the latest technological advances.
- Low-maintenance systems with long life and good resale value.
- Worldwide sales and service network with more than 70 bases. We are always close to you.
- The Jakob Müller Institute of Narrow Fabrics is

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Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

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