

Semi-automatic measurement and winding machine

HW

for the make-up of elastic and non-elastic tapes, braids, cords, trimmings and laces in various forms



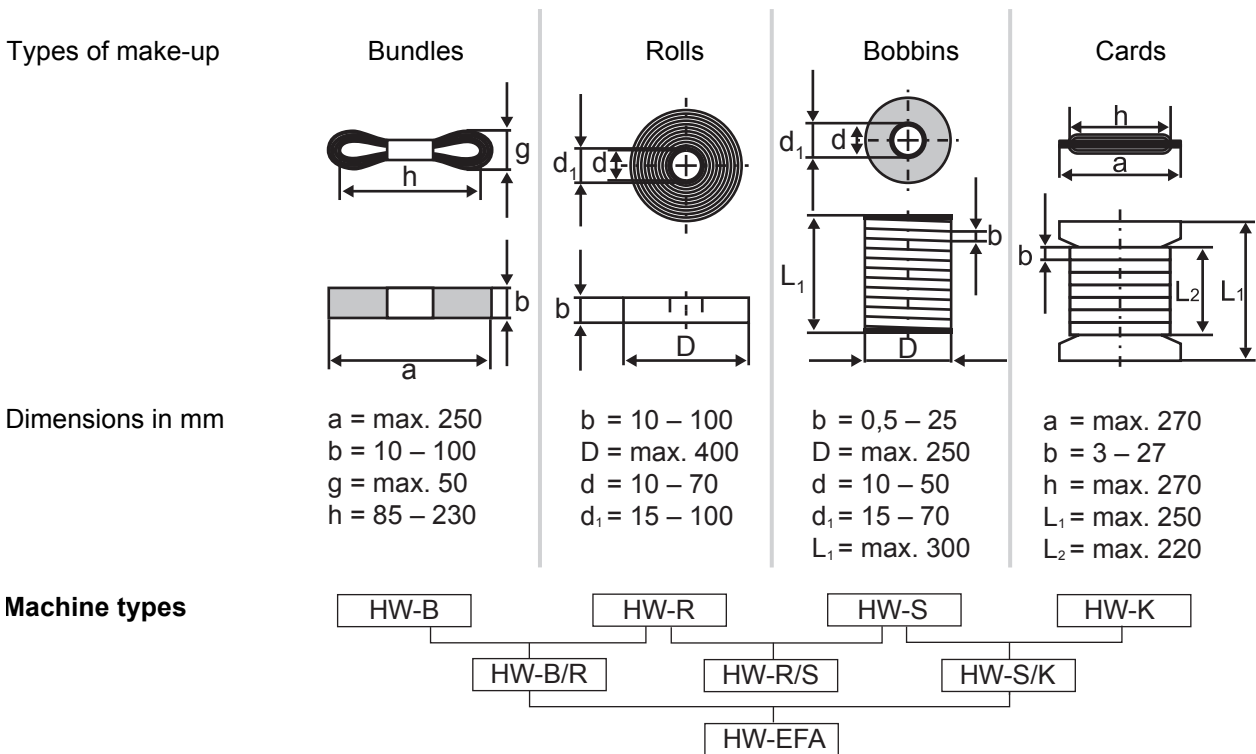
HW

Concept

This generation of semi-automatic make-up machine is fitted with modern control and operating technology. The design is module-based and allows customised variations. The retrofitting of the machine to allow other combinations, as shown in the photo, is also ensured. A highly dynamic, micro-processor controlled step motor provides product winding onto cards and bobbins. This permits the guarantee of movements with a precision of 0.1 mm.

Advantages

- High winding performance.
- Extremely flexible range of applications.
- Short preparation and setting times due to micro-processor controls and winding parameter memory.
- High measuring accuracy due to an extremely precise measuring device.
- Very precise product laying for a sales promoting make-up.
- Can be retrofitted for all machine combinations.
- High operational comfort.



Standard features

- Disentangling device.
- Over-tension device.
- Longitudinal measurement device.
- Suitability for product widths of 100 mm.
- Product winding onto bobbins and cards using the step motor.
- Mechanical thrust bearing on the bobbin winding axis.
- Rotating opposite pulley on the roll winding axis.

Connection values

Installed capacity: 2.0 kW
 Mains connection: 3x 400 V - 50/60 Hz

Space requirement

Width: 1450 mm
 Depth: 800 mm
 Height: 2100 mm

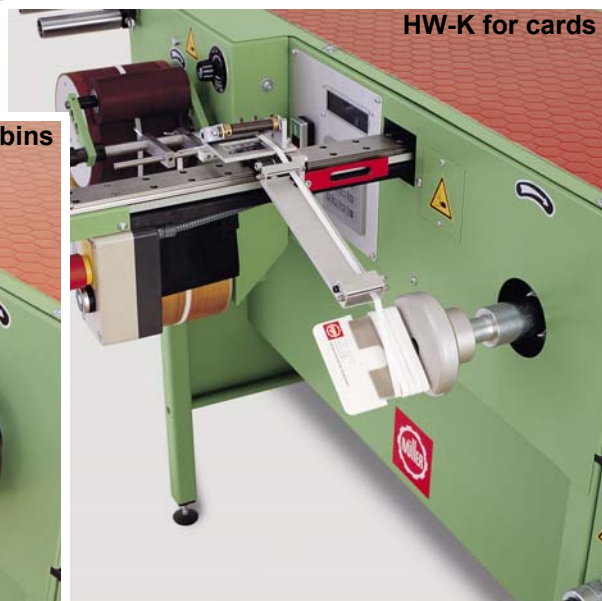
Options/additional equipment

- Transport rollers for elastic materials.
- Disentangling and feeder device.
- Driven unwinding device.
- Plate unwinding device with electromagnetic brake.
- "SENSOR" mechanical product inspection device.
- Slub catcher.
- Mechanical baffle brake.
- Geared motor for high winding tension.
- Product widths of up to 150 mm or 200 mm for bundles and rolls.
- Mechanical shifting device for rolls.
- Pneumatic ejector device for ready wound rolls.
- Pneumatic thrust bearing on the winding axis for bobbins.

Various types of make-up

Depending on its features, the HW can be employed for various types of make-up. The individual machine types and the possible combinations are

contained in the diagram on page 2. Make-up changes can be carried out extremely quickly with just a few alterations.



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:
 - warp
 - pattern creation
 - narrow-fabric weaving
 - dyeing and finishing
 - photo-optics quality inspection
 - winding, spooling, rolling and layering
 - 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 a centre for basic and advanced training, disseminating sound know-how on Müller products, as well as the design and production of textile products and industrial management.

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Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

Rep.:

Jakob Müller AG Frick
5070 Frick Switzerland
Tel +41 62 8655 111
Fax +41 62 8655 777
www.mueller-frick.com

