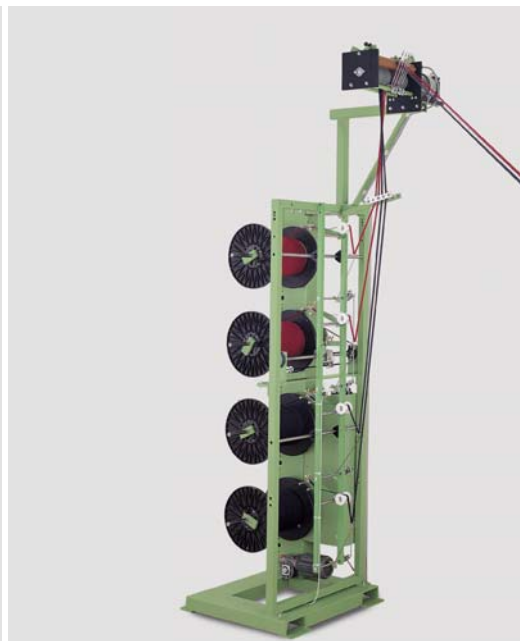
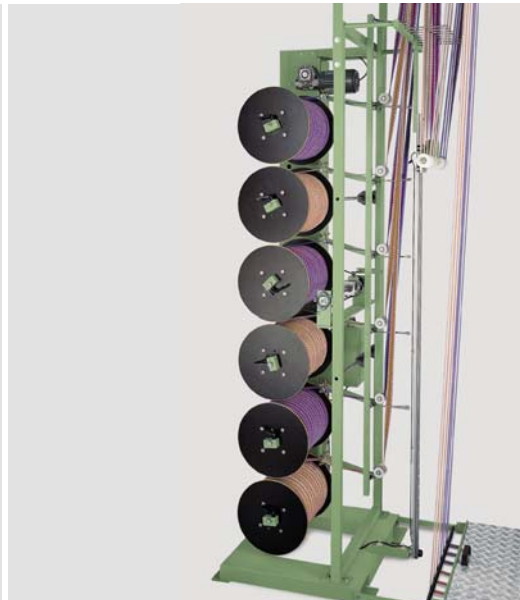


Narrow fabric winder

BWW / BWF

for parallel winding of elastic and non-elastic narrow fabrics on bobbins with and without flanges



The BWW concept

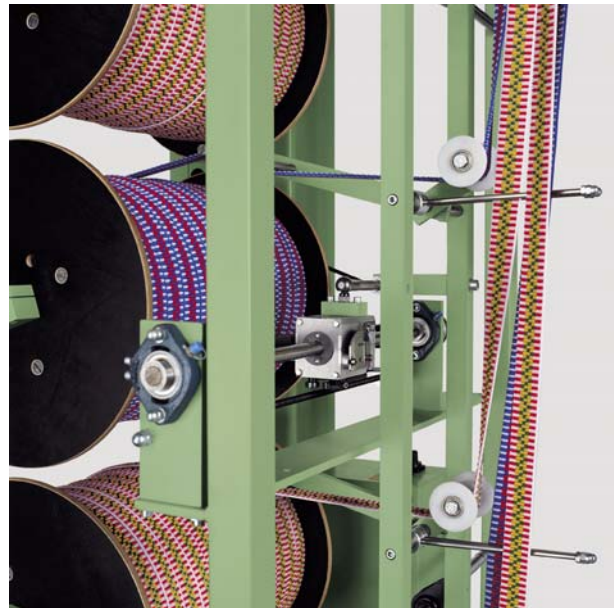
This winder has been developed specially for placing after weaving/knitting machines for narrow textiles. It enables narrow fabrics to be wound onto Jumbo centres or flanged bobbins following the weaving/knitting operation.

Winding start and stop as well as adjusting the fabric tension are controlled by a compensator. Laying speed and laying traverse can be matched to the dimensions of the wound package. For a straight build, the reversing point and reversing delay of laying are easily adjusted by the operator.

The result is perfect winding, ideally suited for highly efficient downstream processing on make-up machines or for other processes like dyeing, thermosetting etc.

Key features

- Ideal make-up for further processing of narrow fabrics. With fully automatic winding machines efficiency can be improved by up to 50%
- Winding tension adjustable by compensator weight
- Wound fabric free of knots, twisting and creasing
- High-quality creaseless narrow fabric assists downstream operations such as:
 - Dyeing satin ribbons
 - Making-up narrow fabrics with wire edges
- Less supervision needed in weaving
- Enhanced automation level in weaving
- Simplified logistics and handling
- Sales-promoting package appearance assists direct sales of larger quantities
- Elastic narrow fabrics wound under very low tension



Simple yet precise laying motion with delayed reversal

Standard equipment

- Front fabric guidance
- Compensator arm with start/stop control
- Fabric tension adjustable with compensator arm weight
- Fabric infeed from above
- 2 to 16 winding heads
- Central drive for all winding positions
- Central laying for all winding positions
- For weaving or knitting machines between 1 – 8 m/min



Torque-controlled transport roller for elastic narrow fabrics or very soft windings

The BWF concept

This winder has been developed specially for placing after a chemical finishing or thermosetting machine. Here narrow fabrics of different widths and with different speeds are wound parallel. Each fabric may be newly wound on at any time, without interrupting the other winding positions. The speed difference between the individual winding positions is compensated by a maintenance-free magnetic clutch. Laying speed and traverse can be matched to the format of the wound package. The reversal point of laying can be adapted by the operator for a straight package build.

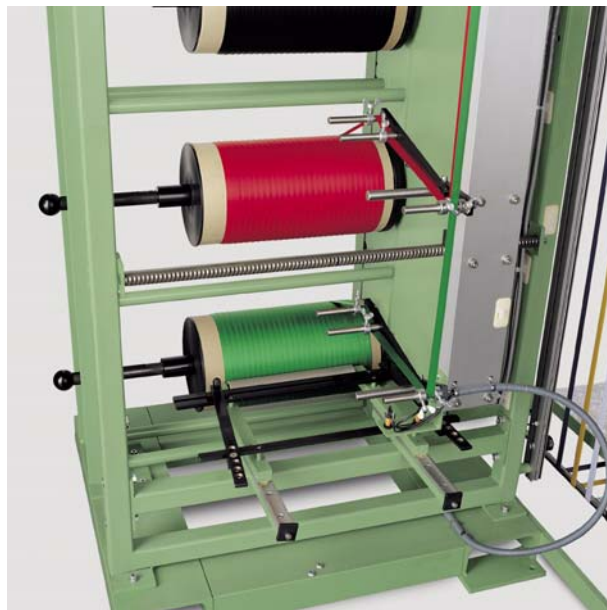
The result – perfect winding ideally suited for demanding downstream operations, whether making-up or finishing.

Key features

- Ideal make-up for downstream narrow fabric processing. With fully automatic winding machines efficiency can be raised by up to 50%
- Wound fabric free of knots, twisting and creasing
- Adjustable fabric tension by maintenance-free magnetic clutch
- Less supervision needed in chemical finishing
- Wound packages changed quickly without interrupting the finishing process (one winding head in waiting position)
- Fewer rejects
- Simplified logistics and handling

Standard equipment

- Front fabric guidance
- Electromagnetic clutch to each winding head
- Fabric tension adjustable by electromagnetic clutch
- Fabric infeed from above
- 2 to 16 winding heads
- Central drive for all winding positions
- Central laying for all winding positions
- For speeds on finishing machine between 20 – 60 m/min



Electronically controlled fabric laying for pineapple package build

Options for BWW and BWF

- Package supported with mechanical steadier
- Rods for depositing wound packages
- Lateral fabric infeed
- Fabric infeed from below with tread plate
- Winding drive with speed regulation by frequency changer
- Pineapple package build
- Length measuring
- Torque-controlled transport roller
- 2 bobbins per winding axle (BWW) for the winding of up to 32 tapes simultaneously



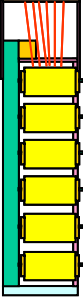
Precise mechanical laying drive

BWW / BWF

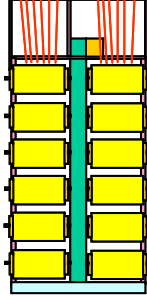
Package dimensions and winder types

Max. package width	450 mm
Min. inside centre diameter	22 mm
Max. fabric width	30 mm, with overlapping up to 60 mm

Single-sided winder

 Winding heads	max. diam. (mm)	Winder type
2	500	BWW 2E BWF 2E
4	480	BWW 4E BWF 4E
6	330	BWW 6E BWF 6E
8	230	BWW 8E BWF 8E

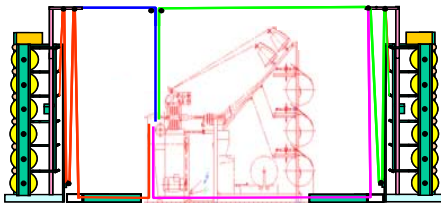
Double-sided winder

 Winding heads	max. diam. (mm)	Winder type
4	500	BWW 4D BWF 4D
6	480	BWW 6D BWF 6D
8	480	BWW 8D BWF 8D
10	330	BWW 10D BWF 10D
12	330	BWW 12D BWF 12D
14	230	BWW 14D BWF 14D
16	230	BWW 16D BWF 16D

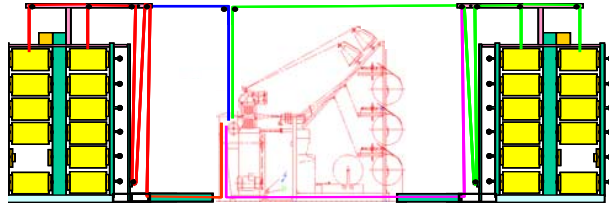
Installation and space requirement

Width	single-sided	950 mm
	double-sided	1700 mm
Depth		950 mm
Height		3700 mm

Front fabric infeed



Side fabric infeed



Connected power load

Power consumption	0.5 kW
Power supply	230V+N+PE/50Hz

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