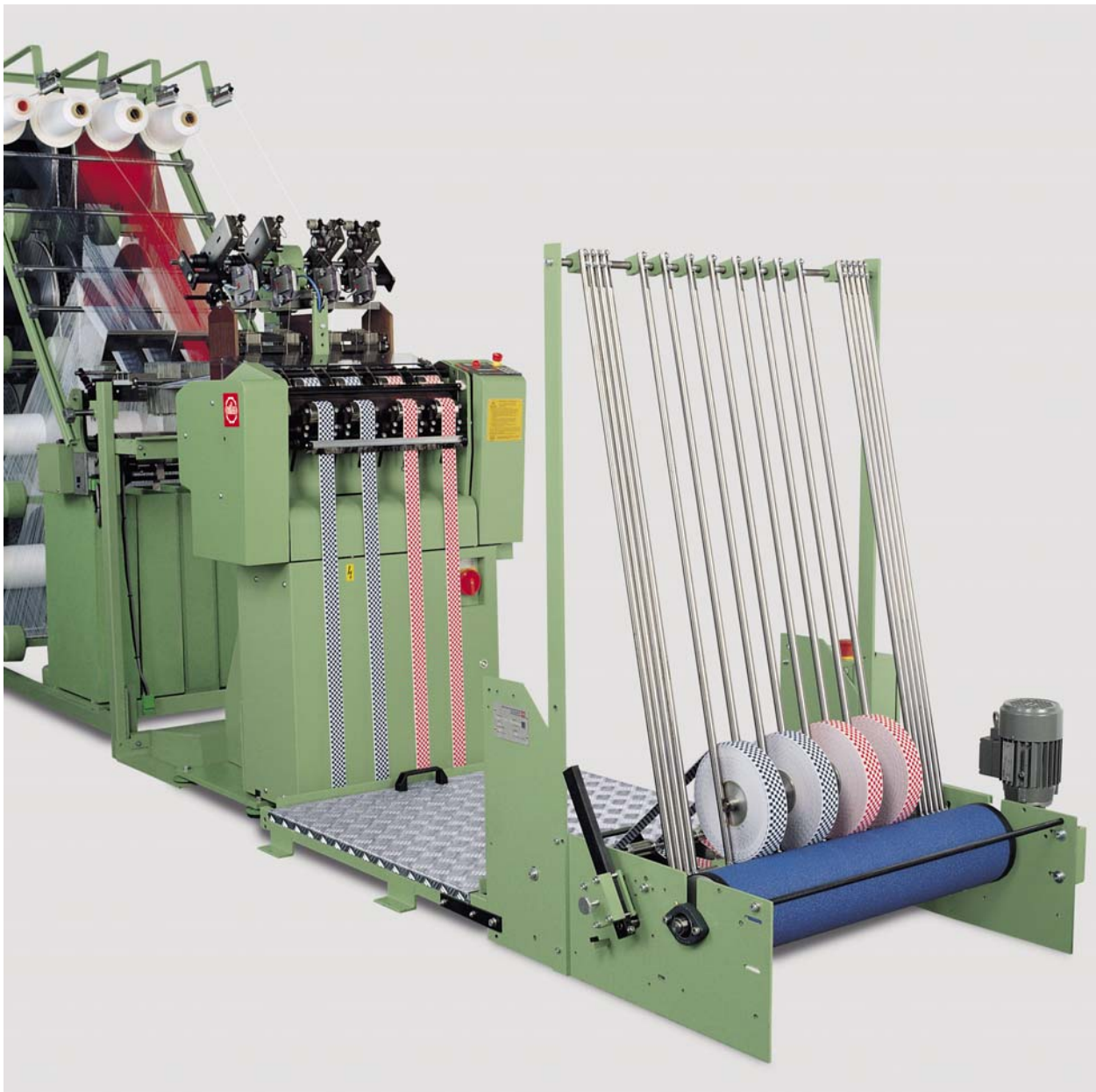


Batch winding machine

DW

for the simultaneous rolling of narrow fabrics downstream
of weaving and knitting machines



Concept

The batch winder facilitates the simultaneous rolling of several fabrics using uniform winding pressure on the cores. The rolls are driven on their outer edges by a winding drum. A compensator undertakes the speed control with the result that the DW can be combined directly with the weaving/knitting machine without a power link. The cores are guided between rods and move upwards as the roll diameter increases. The rolls can be changed independent of one another, but the production speed of the fabrics to be wound must be identical.

The DW is used mainly for elastic narrow fabrics such as bandages, core yarn articles with rubber threads and other products with a limited rubber content.

General features

Large rolls provide the following advantages:

- Crimp, crease and tangle-free rolling
- Simple stacking, reduced space requirement
- Reduced surveillance requirement for the weaving and winding process
- Long product lengths per roll
- Higher speeds during end make-up and feeding to dyeing, fixing and make-up

The advantages of the DW batch winder are:

- Individual roll changing due to circumferential drive
- Possibility for simultaneous rolling with differing winding diameters
- Product tension control by means of compensating weights

- Uniform roll speed without stop/start control, which prevents lateral roll offset
- Rolling without lateral product draft, the gaps between the weaving/knitting machine spaces are retained

Options/ additional equipment

- Treadplate and feed rod for connection to the weaving/knitting machine
- Guide rods with weight load for higher winding tension
- Baffles for the lateral offsetting of the fabrics during two-storey weaving
- Extended version (+300 mm)

Technical data/space requirement

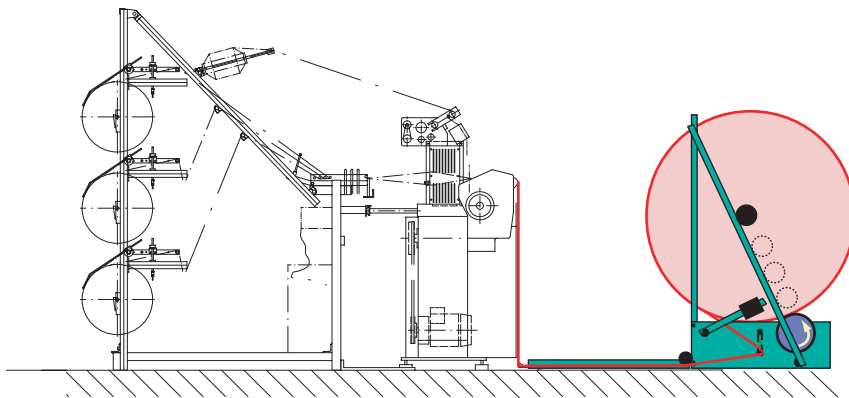
Number of winding heads	1 – 8, (2x2, 2x4 for NF2x)
Max. roll diameter	1000 mm
Core drilling Ø	min. 70 mm
Outer core Ø	min. 78 mm
Minimum fabric width	20 mm
Fabric speed	1 – 6 m/min

Connection values

Installed capacity:	0.25 kW
Mains connection:	1 x 230 V+N+PE / 50 Hz

Space requirement

Width	1200 mm
Depth	900 mm
Height	1200 mm



Copyright © 2004 by Jakob Müller AG, Frick
CH-5070 Frick Switzerland

Printed in Switzerland. All rights reserved.

No part of this publication may be reproduced by any means, nor translated, nor transmitted into a machine language without the written permission of the publisher.

This leaflet contains photos and technical data for information only, without contractual engagement.

**Fascination of Ribbons and Narrow Fabrics
Innovation in Machinery**

Rep.:

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

