



MAAG BROTHERS MACHINE WORKS LTD
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Doubling and Winding Machine DR



**MAAG Doubling, Rolling and Winding Machine
Type DR**

**>>> Crease free winding
with perfect edge control.**

First class equipment is obviously required to produce accurately and neatly made-up fabric rolls. The choice of a suitable doubling and rolling machine is therefore important. Many different demands are made on such a machine, but it should be simple in design and operation.

This model is the result of long experience and the most up-to-date design principles. It basically consists of two main parts, the unrolling device with attached doubling frame and the actual rolling and winding machine.

Working Method >>>

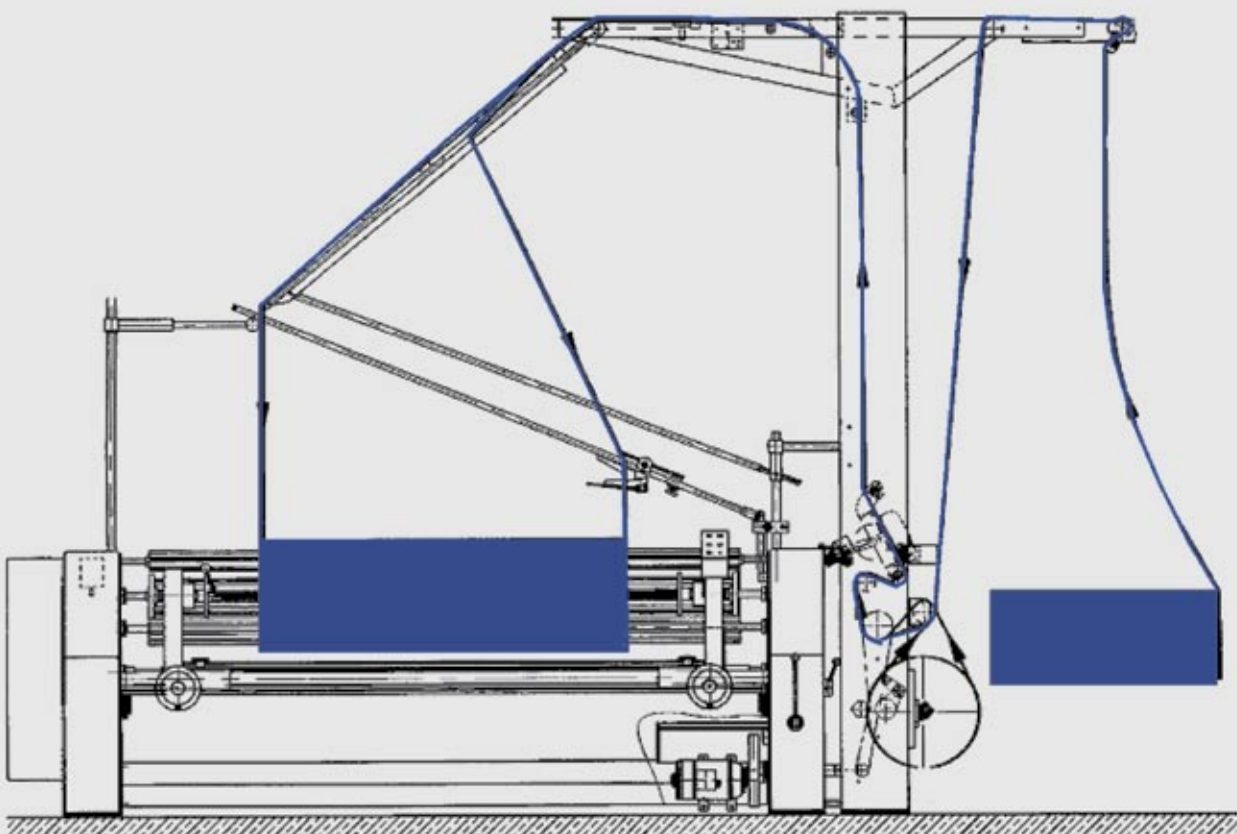
The doubling frame is designed to give sufficient adjustment of the doubling triangle and the respective guide rods. The position of the bearing holding the unrolling bar, can be adjusted on one side, to correct any tension differences in the fabric. The rolling and winding machine consists of a welded steel frame construction and contains drive, a pair of positively driven traction rollers, various guide rollers and the winding unit. The rolling-up device is suitable for cardboard tubes, skeleton wood frames or flat cardboards of various sizes.

The two traction rollers can be disengaged by a lever, to facilitate the fabric being inserted into the machine. These rollers are driven at constant speed, i.e. they determine the working speed of the machine. The winding device in turn, is driven by an adjustable friction clutch, so that the

winding tension can be regulated as required. The irregular tension caused when winding onto flat cardboards is absorbed by a compensating roller.

The edge control on the doubling device is fully automatic. A selvage feeler responds promptly when the two selvages of the fabric are no longer in alignment. It operates the guide rods situated immediately below the doubling triangle. An guiding system with small cloth guiders is available for very light fabrics.

The measuring device is mounted on the unrolling frame. It consists of an inclined table, a precision measuring wheel with a counter-pressure device and the actual measuring counter. For countries where calibration regulations exist, the measuring device can be calibrated and supplied accordingly.



Front view



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