



Selvedge Printing Machine

SKD

Remarkable Results for your Brand



Tailor-made
for your textiles



SELVEDGE PRINTING MORE IMPORTANT THAN EVER

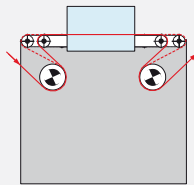
Regardless of whether it is a matter of quality designation (image) or the denomination of the origin of goods, the use of an efficient selvedge printing machine at the exit of a production line has become increasingly indispensable today.

Our selvedge printing machine SKD is efficient, does not require monitoring, and produces a clean print quality, whether in gold or any other color.

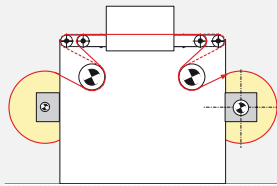
The machine works with a flat printing process with stamping foils, which requires a short standstill during the printing process. Likewise, the print quality is excellent on the finest silk, wool and cotton fabrics right down to the thickest felt.

Depending on the varying degrees of fabric thickness, the contact pressure can be easily adjusted. The standard version of the machine is designed for operation from roll to roll. Alternatively, the machine can also operate from bulk batches, from stack to stack, or combinations thereof.

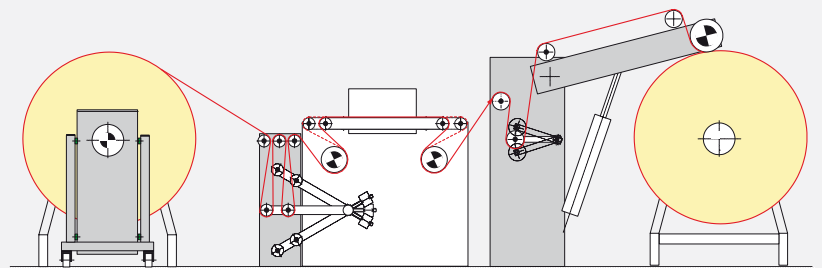
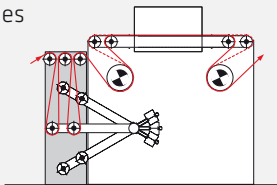
Basic Machine Layout



Working from roll to roll

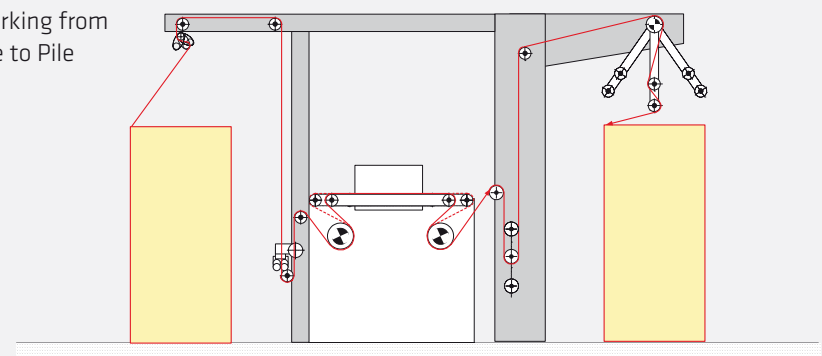


Working Inline with other Machines (e.g. stenter)



Working from A-frame to A-frame

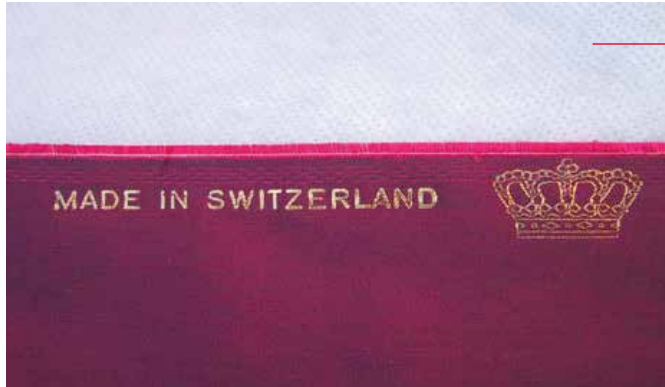
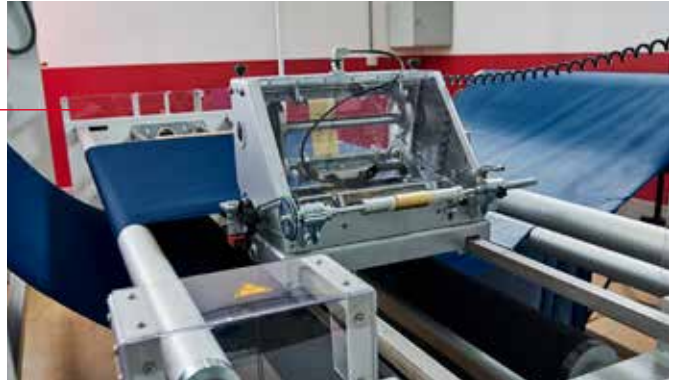
Working from Pile to Pile



ADVANTAGES

STANDSTILL WITHOUT DELAY

The fabric is fed into the machine via a driven feed roller, from a small roll, stack or large batch. The fabric is then brought to a short standstill by two guide rollers swinging in a certain rhythm, and the fabric is then fed directly to the reel via the second feed roller. During the short standstill, however, the unwind, feed and winding rollers continue to run continuously without any fabric distortion, which ensures that the machine runs absolutely smoothly.

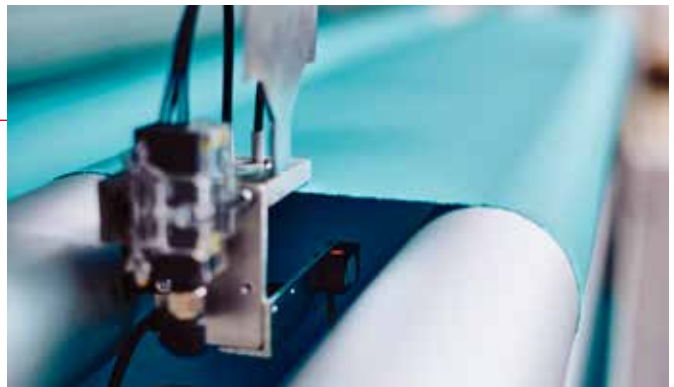


EFFORTLESS PRINTING

The printing apparatus operates with a flat printing set. This may be composed of standard letterpress types and LOGO. It is not necessary to engrave special clichés, as is the case with rotary printing. This allows the machine greater „freedom of movement“ and ensures that all customer requirements can be met. The maximum font length is 22 cm („85/8“) and the maximum height is 2 cm („25/32“).

FLEXIBILITY

A mechanical device also makes it possible to stamp at pressure intervals of 1, 2 or 3 meters (or yard). If required, an additional feature allows you to switch pressure intervals from meters to yards. To print optimally along the selvedge, the print head, controlled by an optical sensor, is automatically guided along the selvedge.



SOPHISTICATED AND ECONOMICAL

During foil printing, the galley is electrically heated. Since the working temperature is different for different types of foil, as well as for different fabric qualities, it can be optimally adjusted by a control thermostat. A thermometer is built in for monitoring purposes. The feed of the printing foil occurs automatically and can be adjusted according to the font height. The foil wear is extremely low in contrast to the rotary printing process. All parts can be removed in a few simple steps without the need for special tools.

CHEAPER THAN ROTARY PRINTING

In the rotary printing process, a narrow foil strip is used according to the font height + safety distance. With our method, the distance between two prints on the printing foil is only 1 mm. The foil wear in rotary printing is approx. 70% compared to the 25% with the Maag flat printing process. Hence, the amount of printing foil used is approx. 150% higher. By using the cost-saving Maag systems you can considerably reduce your printing cost and your waste.



ABOUT US

Maag Brothers Machine Works Ltd. is one of the world's leading suppliers of high-end machines for quality assurance in the textile industry. As specialist in the final make-up process, they focus on the areas of fabric inspection, plating/folding, selvedge printing and packaging. This long-established traditional Swiss company combines more than 140 years of experience in mechanical engineering.

Since its foundation, the Maag family has been personally committed to maintaining long-term and loyal customer relationships. Due to their unique experience and high engineering competence, Maag Brothers Machine Works Ltd. is able to offer tailor-made, efficient and reliable solutions for a wide range of requirements. The mechanical engineering company attaches great importance to its excellent customer service and innovative logistics and IT solutions.



Maag Brothers Machine Works/AG

Untere Heslibachstrasse 39

CH-8700 Küssnacht

T +41 44 913 6611, F +41 44 913 66 22

info@texmaag.ch, www.texmaag.ch

OUR PRODUCTS

All throughout the value chain in the textile industry



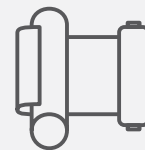
Fabric Inspection



Doubling /
Plating



Selvedge
Printing



Packaging



Automation