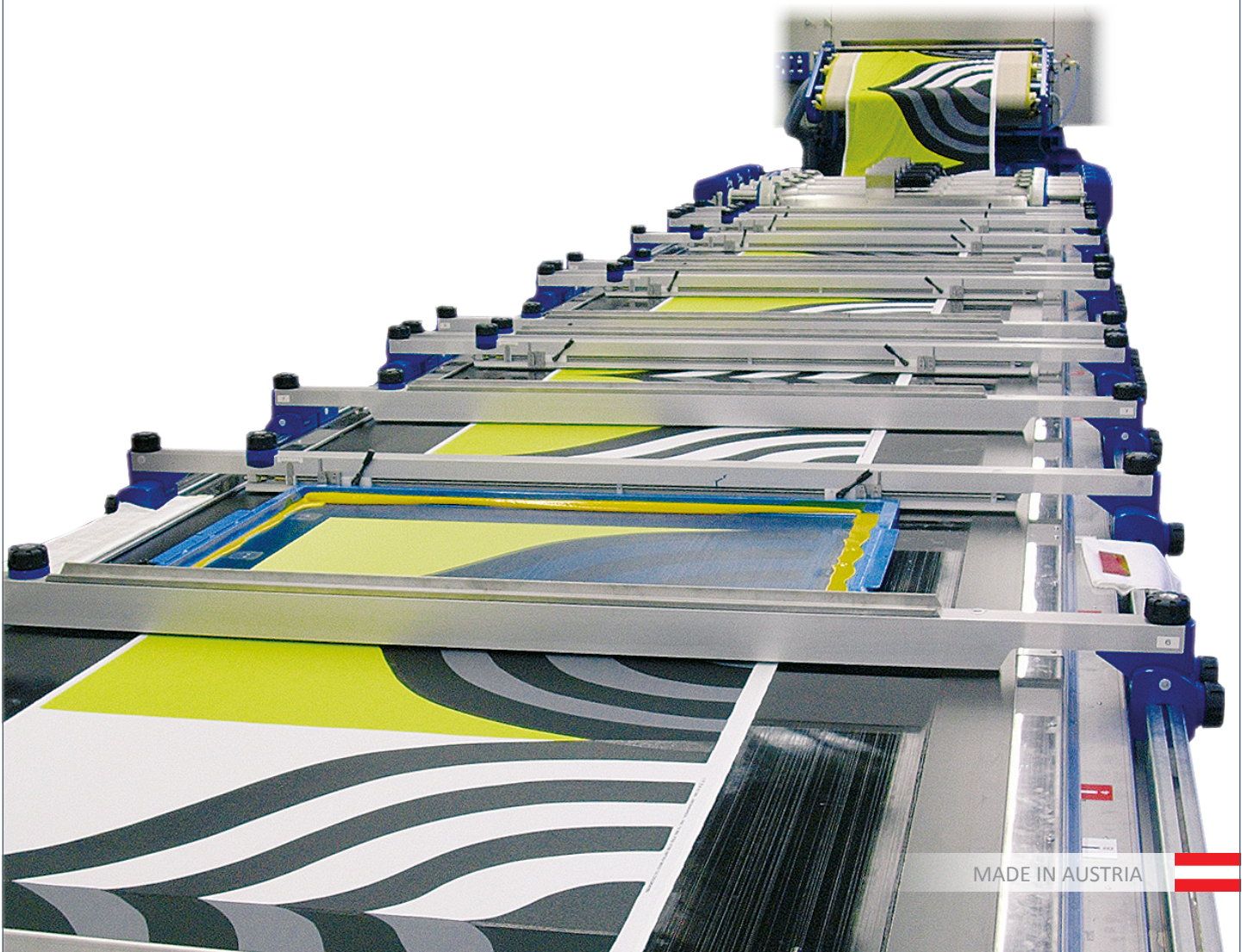




magnOPRINT MAGNET SYSTEM plus
FLAT SCREEN PRINTING SYSTEM

Flat Screen Printing Machine



MADE IN AUSTRIA

FLAT SCREEN PRINTING MACHINE



Flag Printing

Flag Printing

Individual adjustment of magnet power, squeegee stroke-number and repeat length of each colour from 60 cms up to 600 cms.



Fashion Printing

Fashion Printing

Fast, easy handling, perfect reproducibility for repeat orders and individual adjustment of magnet power and squeegee strokes of each printing station.



Blanket Printing

Blanket Printing

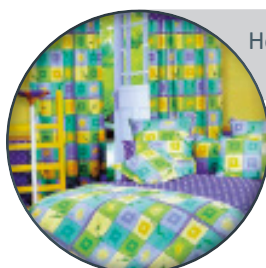
Deep color penetration by extra large diameter hollow roll rods and double-strength magnet bars ensure perfect acrylic and polyester blanket printing.



Towel Printing

Towel Printing

Automatic length adjustment of each printing station during the printing blanket advance movement. Optionally printed with double magnet bars.



Home Textiles Printing

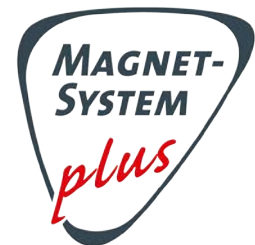
Home Textiles Printing

Magnet bars with individual power adjustment for single roll rods of various diameters allow highest possible rentability in home textile printing.

The New Magnoprint Flat Screen Printing Machine

is the most versatile and fastest flat screen printing machine on the market, suitable for all kinds of textile fabrics. The repeat length, the speed and the number of squeegee strokes as well as the magnetic power are individually adjustable on each printing station. Available printing widths are 165 / 185 / 225 / 250 / 285 / 330 cms with up to 24 printing stations.

The Original Zimmer Magnet System Plus is the most efficient system for magnetic roll rod printing in warp direction. According to the requirements of the textile product, the magnet bars are available as standard magnet bars **MB 38/40**, or optionally with stronger magnet power **SMP 70/55** (e. q. for towel printing), or extra strong magnet power **ESMP 70/95** (e. q. for acrylic and polyester blanket printing).



Magnetic single roll rod

Magnetic Single Roll Rod

Can be chosen in various different diameters from **6 to 50 mms**. Repeat adjustment may vary from **60 to 600 cms**. Each magnet bar carriage is equipped with an individual servo drive with stepless speed adjustment.



Twin roll rod system

Twin Roll Rod System

Usually offers its advantages by deeper penetration of the colour at a faster production speed than any other printing method. Large diameter hollow roll rods assure deep penetration and perfect reproducibility with your repeat orders.

The Cloth Feeding Devices can be chosen and configured from a number of options in order to be perfectly adapted to various textile qualities. Standard woven, sensible knits, pre-dimensioned towels and even heavy acrylic blankets, single-strand or double-strand tubular goods or anything that might be developed at any future will be guided from the roll or box and glued onto the printing blanket.



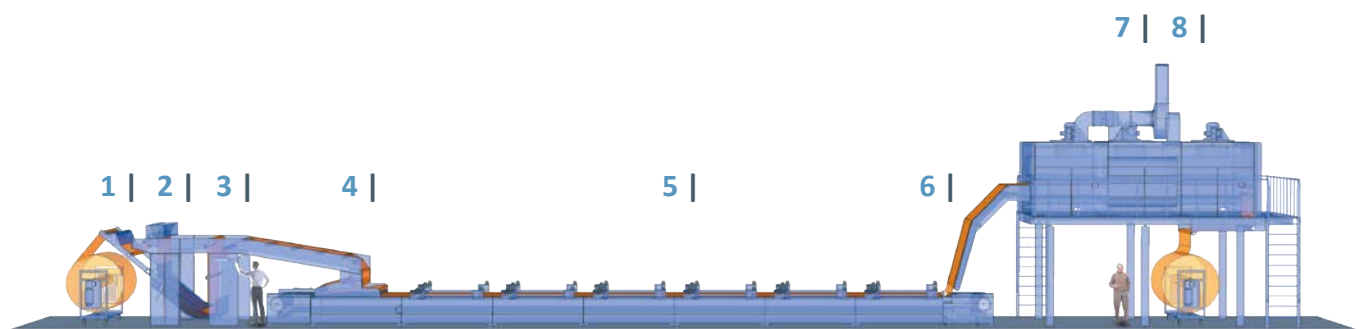
Unbatching arm

1 | The pneumatically lifted unbatching arm comes with a stepless automatic digitally controlled speed control drive system, suitable for any kind of woven and knits which are supplied to the printing machine in small or large rolls of diameters up to 200 cms.

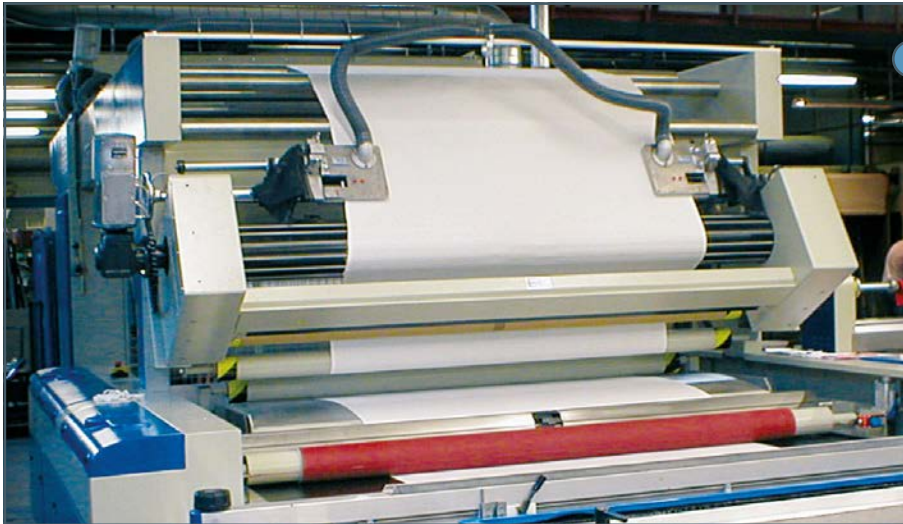


Cloth cleaning device

2 | The cloth cleaning device assures to protect the glueing, as well as the printing process from such disturbances as dust. Depending on the quality of cleanness of the textile goods we offer a very effective suction system, which optionally can even be combined with a brushing, blowing or beating system. One-side or both-side cleaning may also be opted.



Sensitive Textile Goods do need extra special care. The exact guiding of the goods has a major influence on the final result of your printed goods. For a uniform and smooth glueing of the textile, a number of high quality options can be chosen for your printing machine.



Stretch-sensitive knits

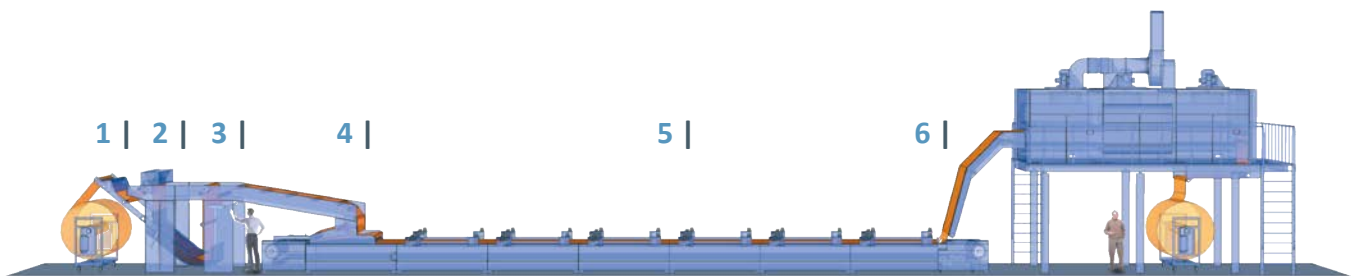
3 | Stretch-sensitive knits have to be handled with extra care. The high quality lattice roller in combination with soft air blowing edge un-curlers assures tensionless transport from the roll or box onto the printing blanket.



Cloth pressure roller

4 | The oscillating Cloth Pressure Roller comes with a special silicon rubber coating surface, assuring as such the avoidance of cross marks on the textile goods. The electronically controlled servo drive with automatic speed adjustment guarantees the continuous oscillating roller movement without any stop ever. Cross pressure marks of old-style fixed position pressure rollers are history now.

7 | 8 |



An automatic high-speed printing machine is as good as its electronic control systems. The New Magnoprint Flat Bed Printing Machine comes with a totally integrated, but simple to handle computer control system.



Electronic Control System

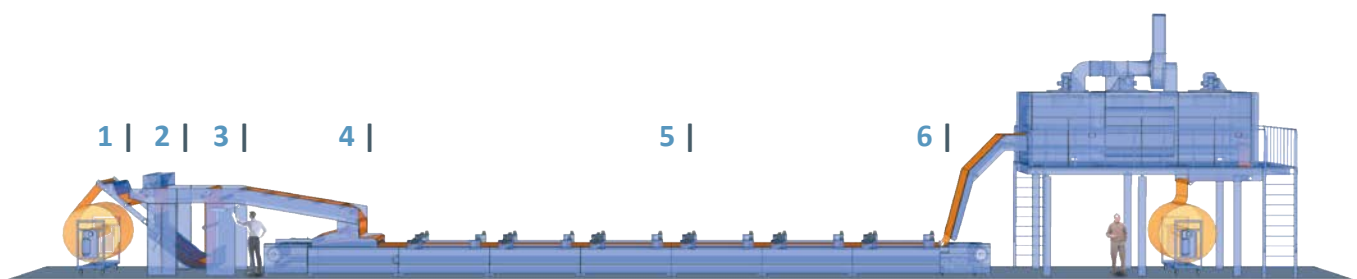
5 | All top quality electronic components are mounted into air-conditioned cabinets. The CAN-BUS system connects all controls, drives and sensors on the printing machine. Printing design memory eases the job for your repeat orders. **The touch screen operator panel** as well as all adjustment buttons on the machine come in your mother language.



Blanket washing device

6 | For a high speed quality printing process, the printing blanket must be cleaned fast, strong and carefully at the same time. The stainless steel **washing device** therefore comes with two single driven full-surface brushes, high-quality nozzles, pre-cleaning and pneumatic drying squeegees and an automatic water recycling system for a minimum of fresh water consumption with highest possible cleaning effect.

7 | 8 |



The drying process has a major influence on the final quality of the textile printing process. The modular construction of the high efficiency and powerful hot air nozzle dryer assures even and perfectly controlled drying of your printed textiles. The heating system can be suitable for central steam, thermal oil, hot water, as well as direct or indirect gas burners. (For more details please see our separate dryer leaflet.)



Hot air jet dryer

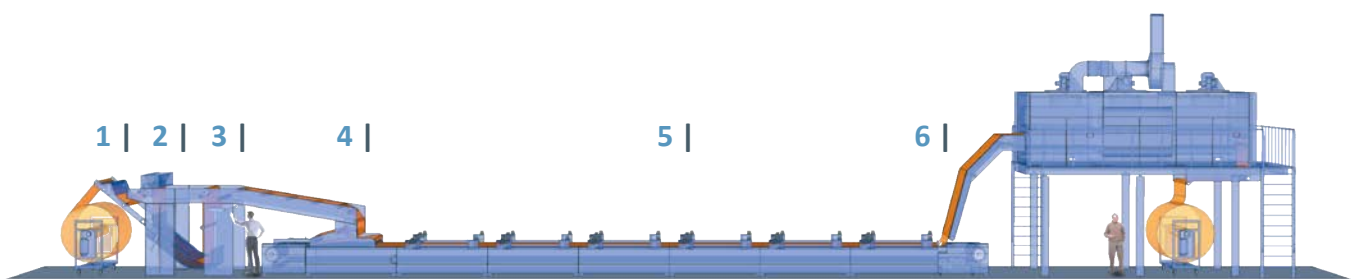
7 | The dryer cabinets can preferably be mounted on a substructure in a height of 1,0 up to 2,8 meters above ground floor level, in order to gain space underneath the dryer for the storage of accessories or textile goods. The vertical fabric draw-off optimizes the visual control for the operator, especially for the printing of flags, heavy materials, terry towels or blankets.



Cloth exit device

8 | The cloth exit device can be designed to your individual needs. Optionally an electronically controlled central winder, or even a high quality surface winder with a pneumatic batching arm can extend the standard plaiter. Sensitive tension control, antistatic-devices, J-Box or inspection table for visual control of the printed textile can be opted as well.

7 | 8 |



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J. Zimmer Maschinenbau GmbH
Screen & Coating Systems

Ebentalerstrasse 133
9020 Klagenfurt
Austria

phone +43 (463) 38 48
e-mail sales@zimmer-austria.com