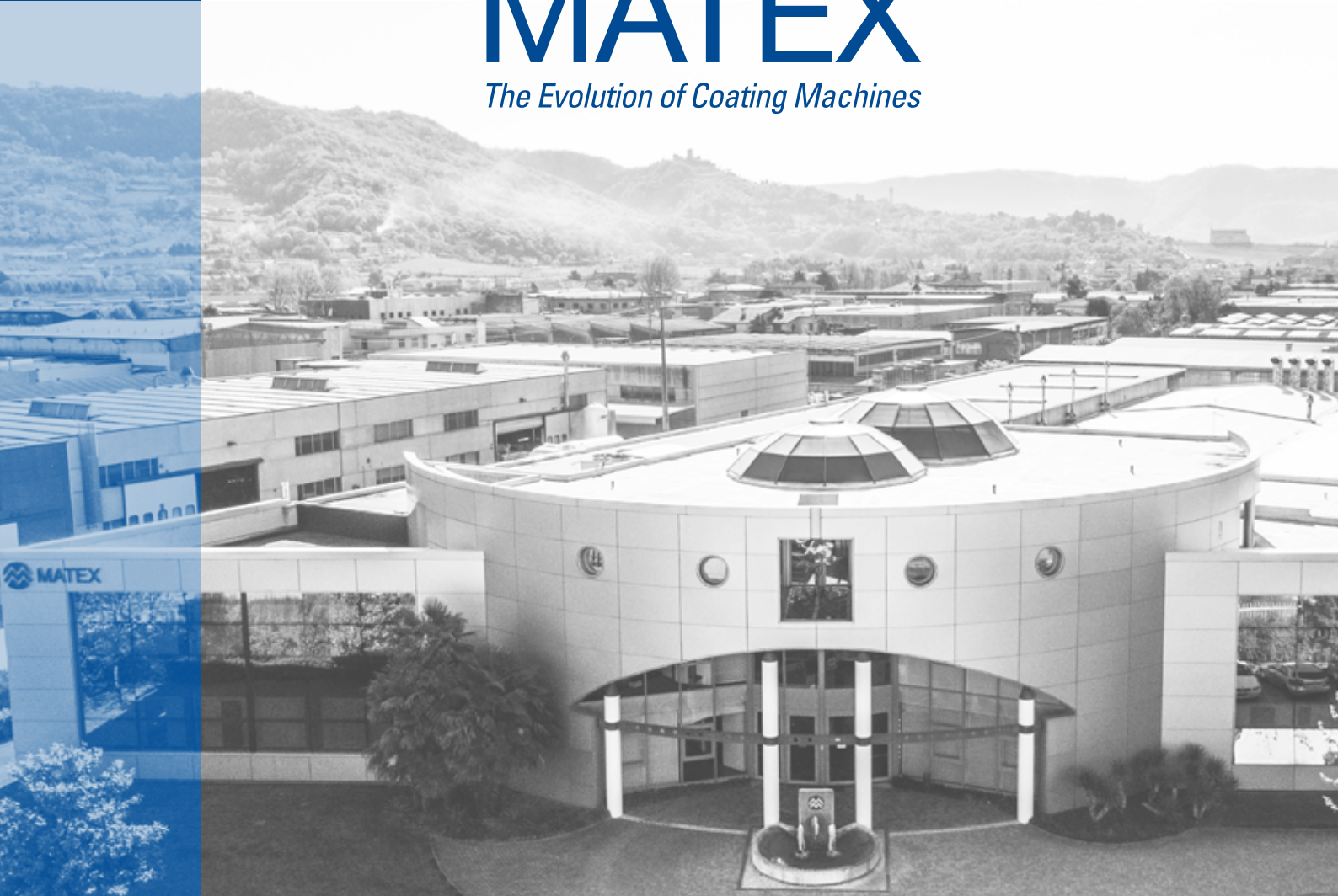




MATEX

The Evolution of Coating Machines



All the quality from Q to Y





1973

MATEX (MAchines TEXtile) foundation.
Realization of the first 1-head direct coating line for rubber fabrics, width 2300 mm.

1975

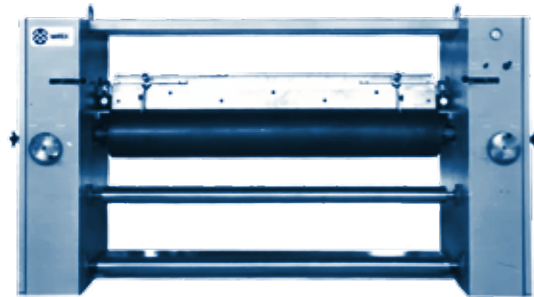
First coating line for PVC tarpaulin production, width 2600 mm.

1976

First line for adhesive tapes production.

1978

Complete lay out for synthetic leather production in Italy.
(Coating – Lacquering – Embossing)



1981

First line for synthetic leather production with ovens model TDV (Tunnel with Double Ventilation).

1982

First direct coating line for PVC conveyor belt production, width 2300 mm.



1983 - 1987

Transfer coating lines for PU split leather production (polyurethane).

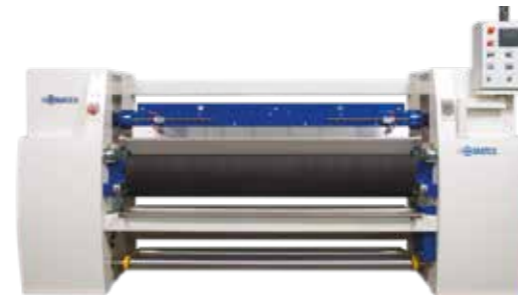
First lamination line HOT MELT for sports articles.

1988 - 1992

Realization of plants for synthetic leather production in INDIA, EGYPT and PAKISTAN.

First complete lay out for synthetic leather production in IRAN.

Realization of more than 30 complete coating lines for synthetic leather production, becoming leader in the national market.



THE EVOLUTION WILL CONTINUE

from 2006 'till today

Realization of coating lines for synthetic leather production for Automotive industry, width 2600 mm in PORTUGAL.

Realization of High Tech embossing and coating lines for Automotive industry in GERMANY and CHINA.

Achievement of BKA (Bending Knife Adjustment) patent for coating heads application.

Export sales more than 90%.

2001 - 2005

First line for non-woven fabric impregnation in IRAN.

Export sales percentage: 90% all over the world, for synthetic leather (Eco-friendly leather) shoes, clothes, leather goods, furniture and during the last years for Automotive.

Realization of more than 30 pilot lines for research and development of new products.

1997 - 2000

Realization of a coating head with high technology concept "Triple P".

Realization of the first 4-heads High Tech lacquering line for automotive industry, width 2300 mm in PORTUGAL.

First coating line for wallpaper production in ITALY.

Realization of coating and embossing lines for synthetic leather in ECUADOR and COSTA RICA

1993 - 1996

First PU base coagulation line in Italy.

Complete lay out for dry and wet process in CHINA.

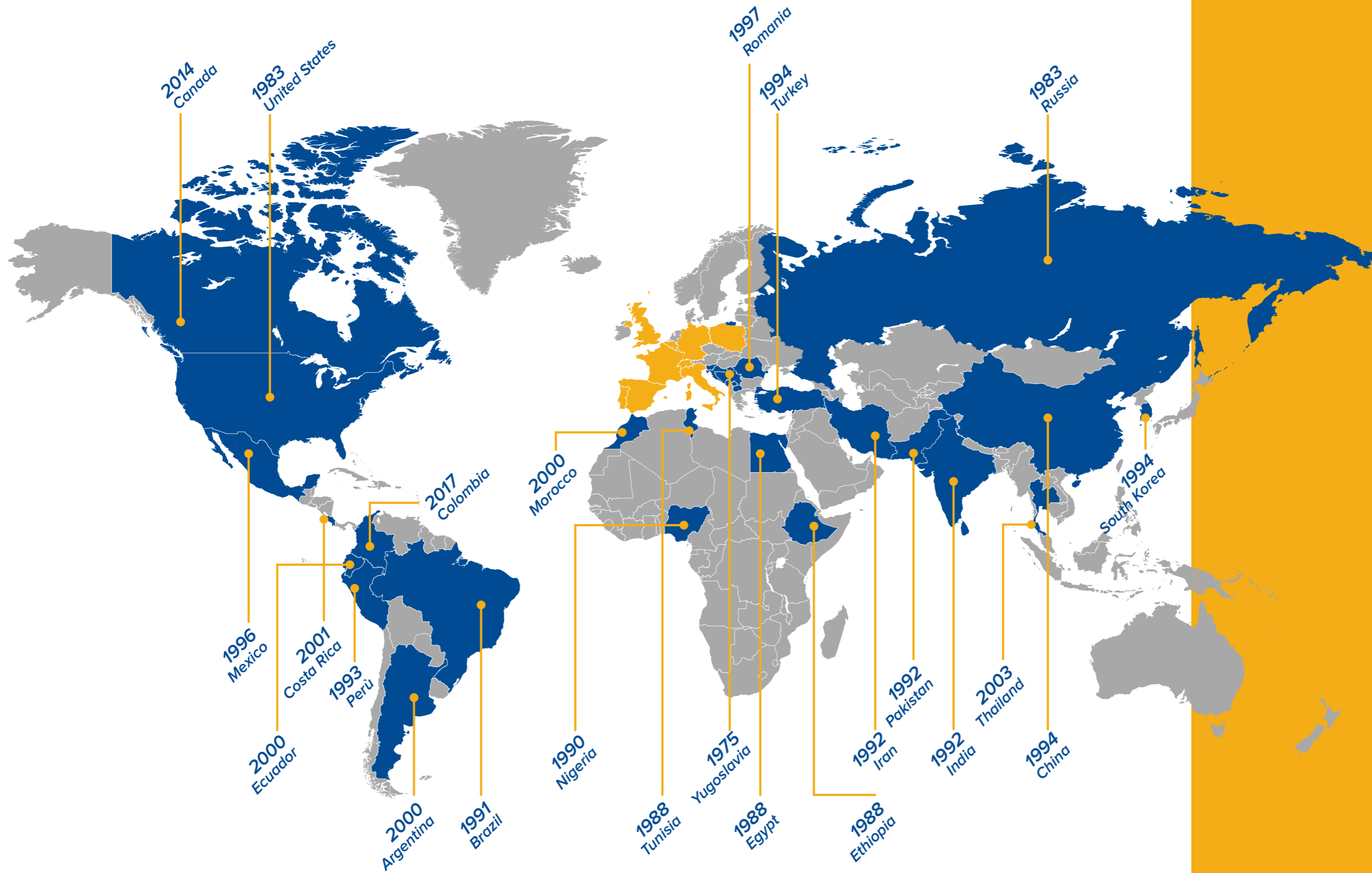
Complete lay out for synthetic leather and tarpaulin production in CHINA.

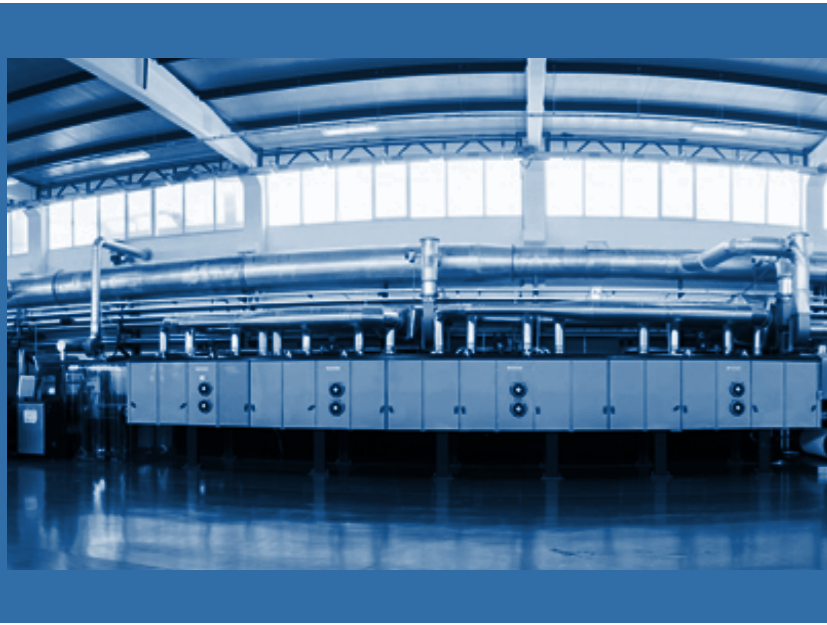
First PU split leather coating line in CHINA.

Realization of coating lines for synthetic leather production in TURKEY, IRAN, MEXICO, USA and GREAT BRITAIN.



PRESENT IN THESE MARKETS SINCE...





COATING

Coating is a technology in which chemical compound with specific rheological characteristics, is applied on a continuous substrate.

Coating can be divided into two main families:

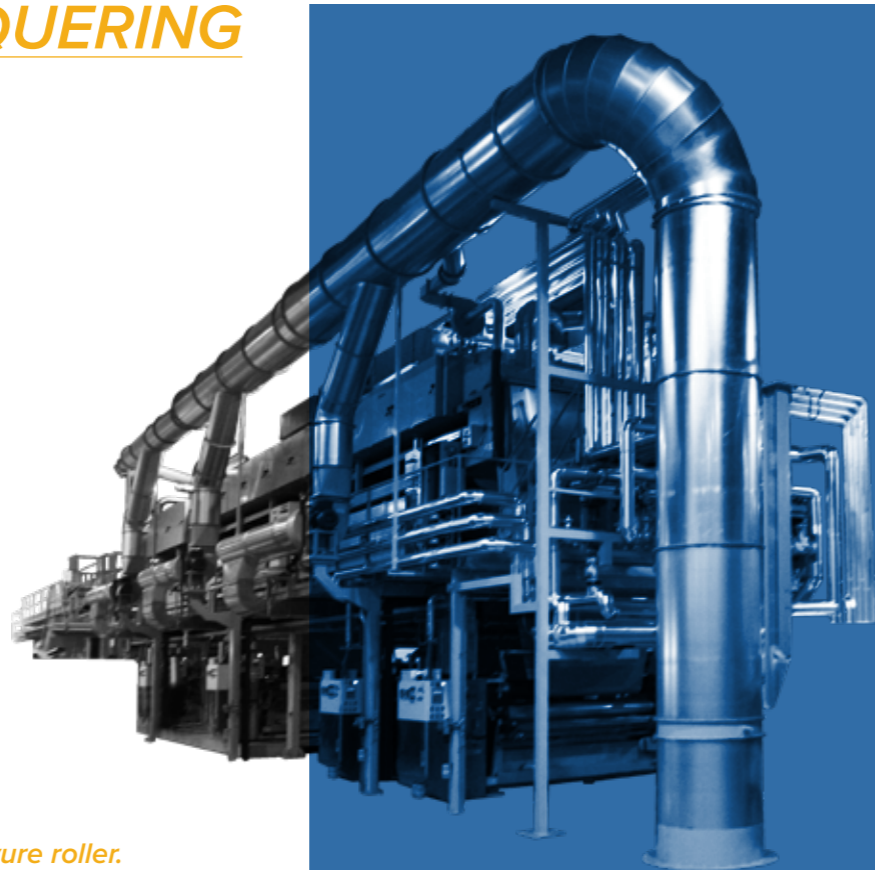
- ┆ DIRECT
- ┆ TRANSFER

- ┆ **Rotocoat**
Coating technology for paper supports, film and other no-textile supports.
- ┆ **Rotosplit**
Technology for finishing of cow splits with PU film.

- ┆ **Rotopharm**
Technology for pharmaceutical, cosmetic and medical fields.
- ┆ **Rototextile**
Coating technology for direct finishing of textiles.

PRINTING – LACQUERING

Printing and lacquering is a process for surface finishing of coated substrates or plastic films with lacquers or colors by using coating cylinder systems. Most of the times compounds are water or solvent based.



- ┆ **Rotofinish**
Technology for finishing with rotogravure roller.

EMBOSSING AND LAMINATION

Embossing is a process for top finishing by mechanical engraved roller or embossed webs. This process could be used also for smoothing.

Lamination is a process of coupling two or more webs with or without subsequent separation.

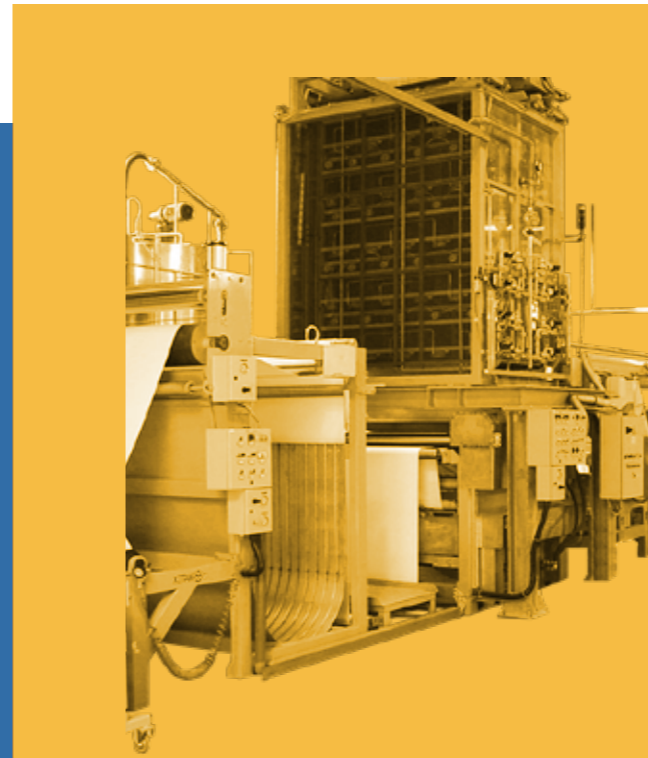


- ┆ **Rotomark**
Technology for surface embossing or smoothing by means of mechanical pressure.

- ┆ **Rotolam**
Technology for lamination or use of transfer films.

IMPREGNATION

Impregnation is a continuous process in which substrate is soaked up with a chemical compound in order to become more structural stable and suitable for other processes.



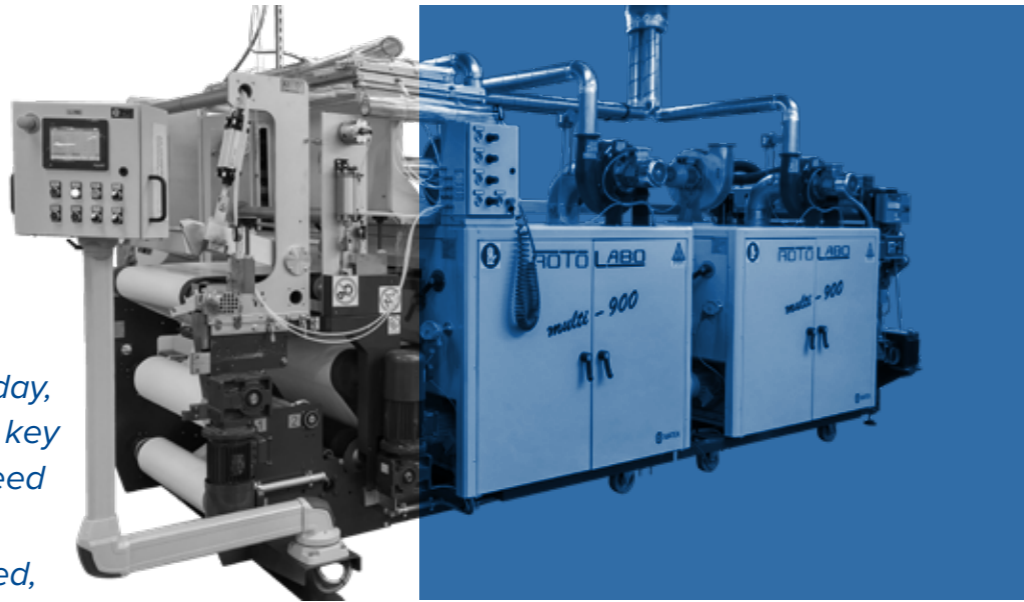
- ┆ **Rotowet**
Technology for impregnation with PU based on DMF.
- ┆ **Rotocomp**
Technology for impregnation of composite substrates.

- ┆ **Rotowet non woven**
Technology for impregnation of needle-punched non woven.

R&D AND INNOVATION AT THE BASE OF SUCCESS

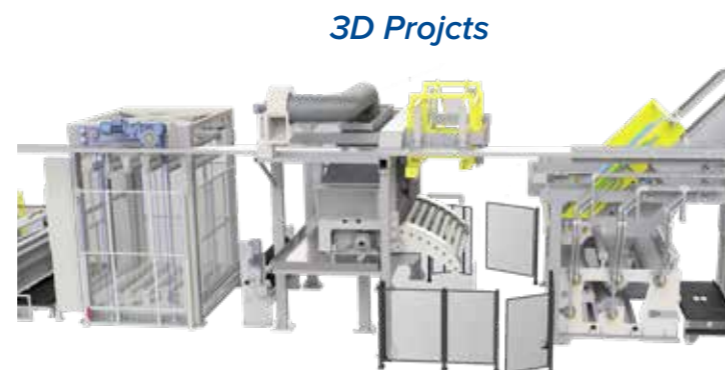
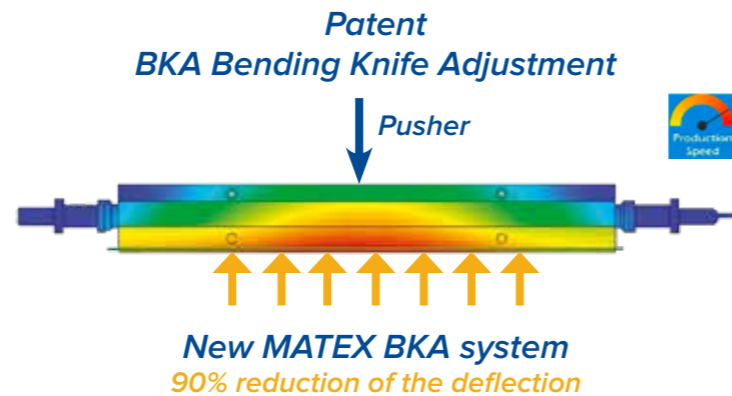
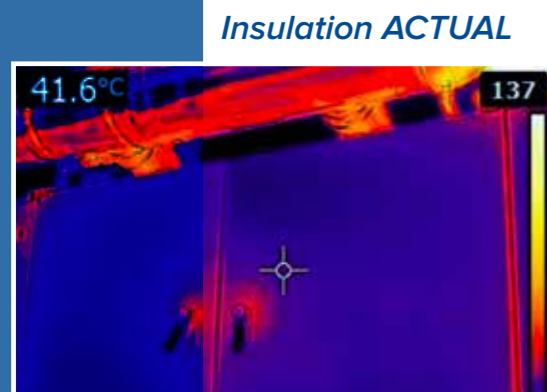
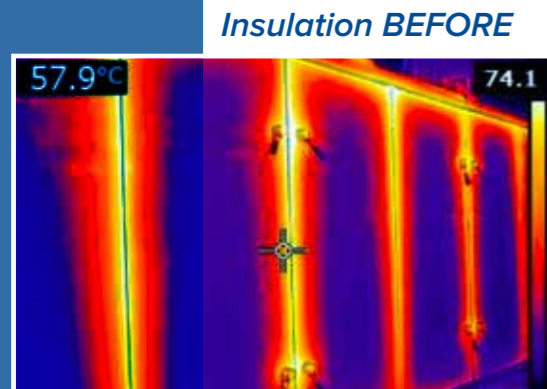
Today, much more than yesterday, R&D is becoming an important key factor for competing and succeed in the global market.

Matex, in order to meet this need, can offer a pilot equipment in order to simulate the industrial processes. Flexibility and easy-to-use system are basic concepts in our pilot solution.



IN MATEX COMPANY MISSION THERE HAS ALWAYS BEEN TECHNOLOGICAL INNOVATION .

Every day, thanks to the direct experience achieved over the years, working closely with customers and dynamism of the Matex technical team, the production range is enriched with new machines or improved existing ones, making them more efficient with particular attention to the energysaving.



MATEX QUALITY PATH

Matex quality is a combination of great little details and of seven stages, named the "Quality Path".

It is only from maximum compliance with every step, that the quality targets which distinguish our production can be achieved.



Briefing

Meeting between Matex experts and the customer to study the requirements.



Project study

Feasibility analysis and technical and economic offer.



Contract signature

Project confirmation and signature of the contract.



Project and work in progress

Contract management, technical analysis and production planning.



Assembly

Complete assembly of the machine, at company premises.



Test + Shipment

Quality compliance test and electro-pneumatic pre-test of the machines, packaging and shipment.



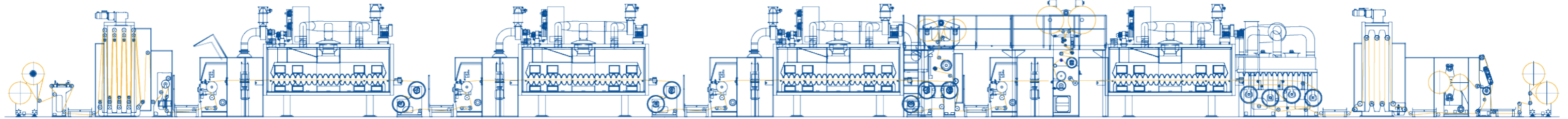
Installation and Testing

Services managed by specialized technicians with high precision equipment to grant the perfect operation of the machines.

COATING LINE

ROTOCOAT

4-Head transfer coating line

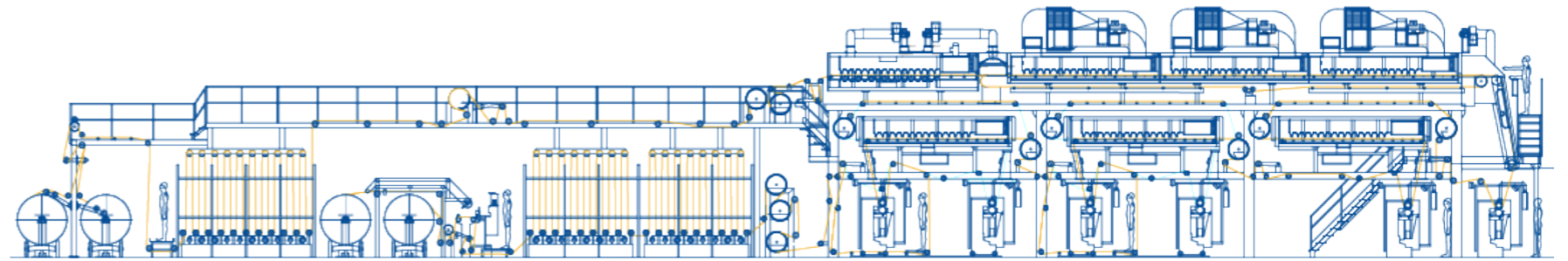
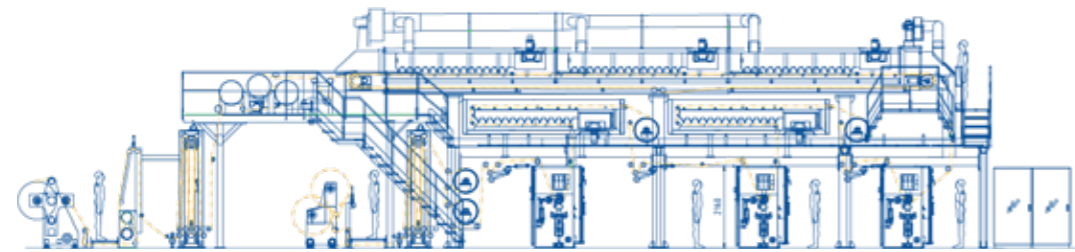


LACQUERING LINES

ROTOFINISH

3-Head lacquering line "Multi"

4-Head lacquering line "H.T." (High Tech)

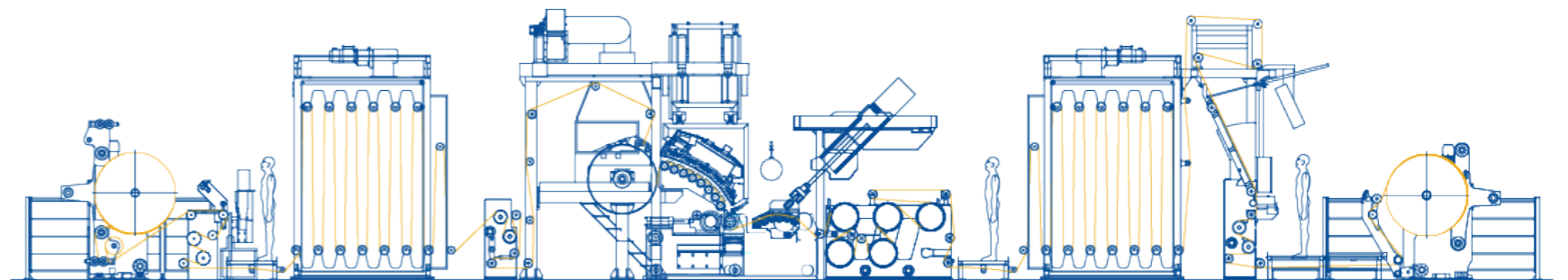
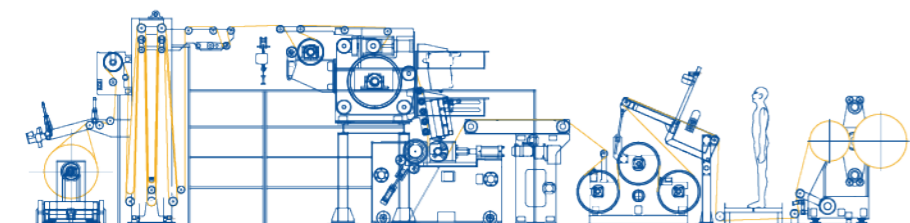


EMBOSSING LINES

ROTO O MARK

Embossing line standard

Embossing line "H.T." (High Tech)





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