

MATEX

The Evolution of Coating Machines

ROTOWET **NONWOVEN**



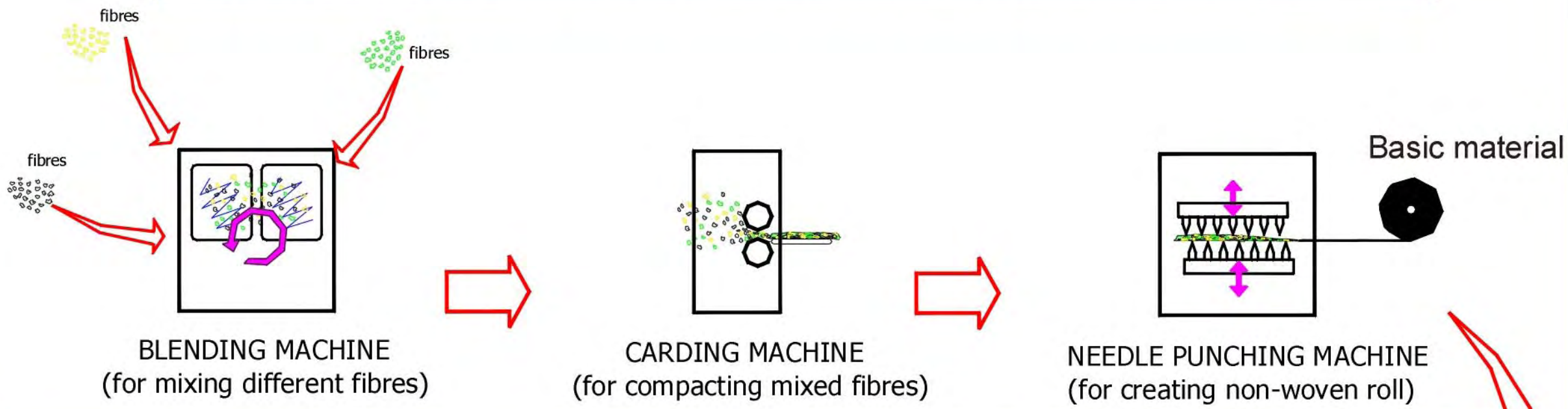
Since 1973, MATEX is developing, manufacturing and supplying world-wide machines and plants for production of artificial leather, woven and non-woven coated / impregnated articles, PU coated split leather and embossing / laminating, printing / lacquering plants for their finishing.

Today's high technology and know-how reached by Matex, are the results of continuous daily efforts towards the evolution and innovation, in close collaboration with all customers. The solid result of a precious heritage built up over years of experience is realised in hundreds of machines installed in Italy and abroad, including also turn-key projects.

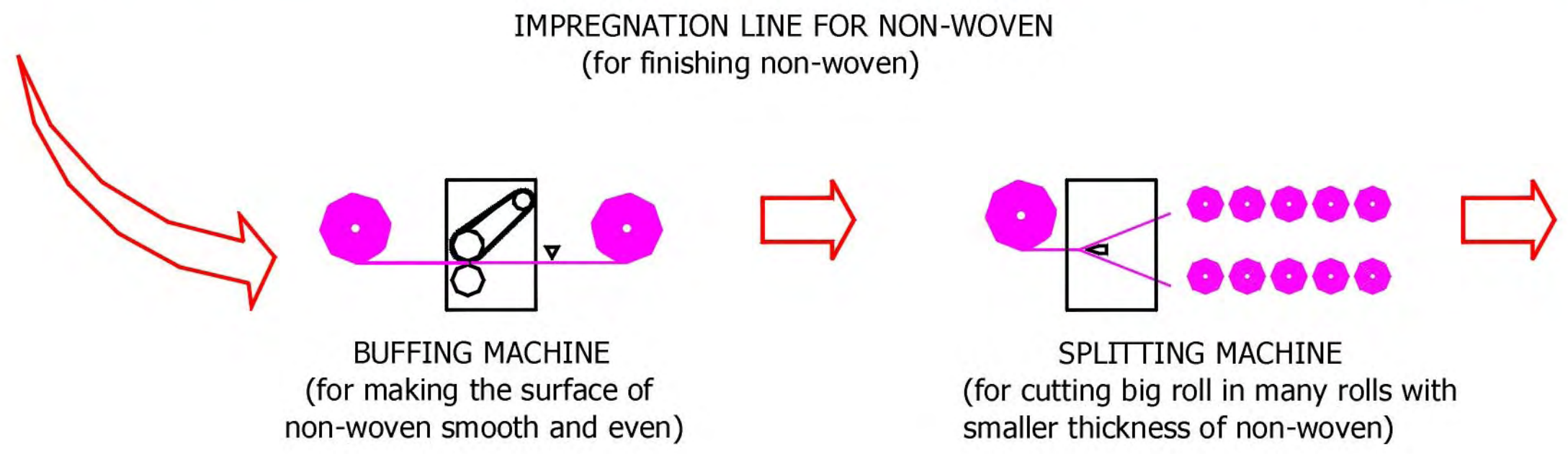
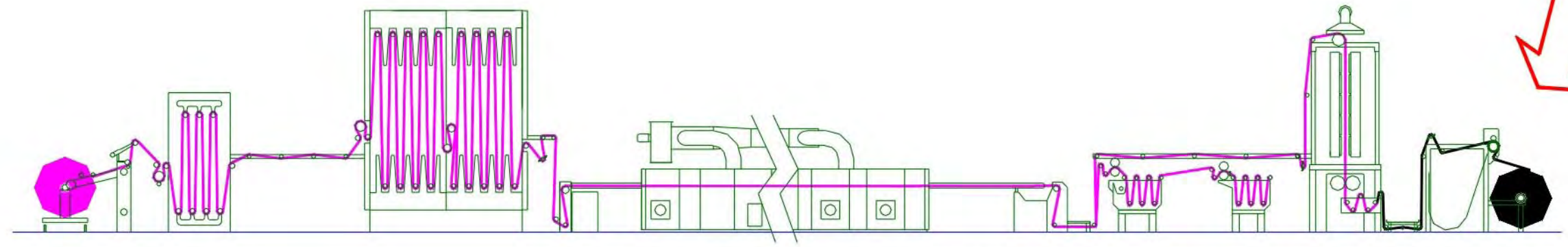
Today MATEX is in a leading position, being present in the most important companies in the field



IMPREGNATED SPLIT NON-WOVEN PROCESS



MATEX KNOW-HOW



APPLICATIONS





PLANTS FOR IMPREGNATED AND SPLIT NONWOVENS

MATEX manufactures and supplies complete nonwovens plants based on Italian Know-how. On our plants, the nonwovens may be manufactured through two technologies.

1. Production of split nonwovens

These are high quality nonwovens and are produced by impregnating high density needled-punched felts with NBR heat-sensitized compounds. Special impregnation tanks assure a uniform binder penetration. The binder is coagulated in an Infrared oven. The felt is thoroughly washed, heat set and vulcanized.

The impregnated material is buffed and split to obtain desired thickness. It is possible to reach a wide range of thicknesses, from 0.5 mm to 3.0 mm.

Split nonwovens can be used as a decorative and lining material in leathersgoods industry. They can be perfectly bonded with natural leather and similar synthetic materials and function as reinforcements. Specially treated material with wet abrasion resistance can be used for jean labels, shoe linings and antislip applications. These nonwovens are also used as a backing for belts and a lining for economic quality leathersgoods. Soft and water repellent materials are used for hats and caps. PVC or PU coated nonwovens find applications in the substitution of natural leather.

2. Production of impregnated nonwovens

These nonwovens are based on needle -punched and spunlaced substrates. Different techniques are used for impregnation with water -based binders. According to the raw materials used, the impregnated nonwovens may find applications in shoe and leathersgoods industries, linings for ready-made garments and industrial applications.

Notes:

