

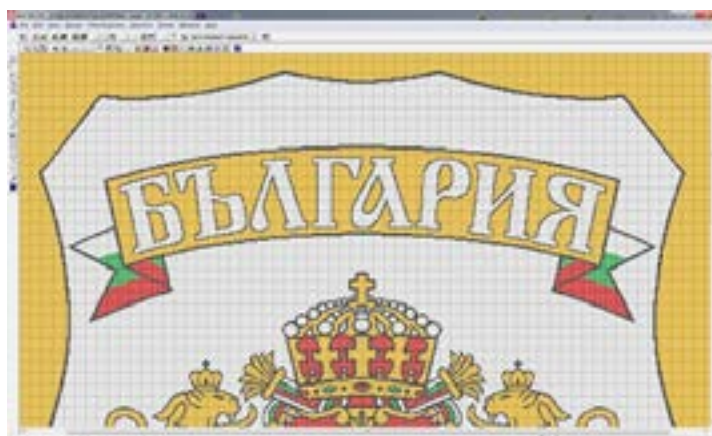
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NEW TECHNOLOGIES FOR MANUFACTURING JACQUARD WOVEN EMBLEMS

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The entry of digital technologies into the field of textile production in the 20th century has taken an increasingly large share in the technological and production activities of companies in the industry. The dynamic development of the market and Internet communication requires an increasingly rapid response from manufacturers in solving the tasks set. It is essential for consumers to be informed and competently choose sustainable and reliable textile products of high quality.



This article provides information about an innovative technology for designing and producing a wide variety of jacquard woven emblems for decorating uniforms and sports teams.

The introduction of CAD systems for creating new clothing designs and patterns on fabrics and knitwear makes the work of the technologist/designer easier and helps to quickly and accurately solve the tasks set by the client. They allow for the creation of a digital model-working project, which can be presented to the client before the actual sampling and production of the item.

The raw materials used in this technology are from the group of synthetic fibres - Polyester silks, dyed in a colour according to textile pantone or a reference sample on request.

The products produced using the described technology are safe for use and are certified according to OEKO TEX 100 section 4. They are widely used in the production of uniforms and sports teams, providing the customer with information about the manufacturer/brand, and in the case of textile labels, also about the composition of the fabric or knitwear from which the clothing is made.

Every customer wants to receive a reliable and durable product, but the goal is for the customer to be informed and to increase their consumer culture in order to make the right choice of the appropriate product.

Keywords: *digital technology, reliability, awareness, sustainability.*