

A tried-and-trusted solution for single-knit jacquard with relative technology

Relanit 1.6 E

our performance for your profit



Bodymapping/mesh structures with 1.6 feeders production per inch



Long tried and trusted electromagnetic single needle selection



Electronic needle door



Less thread breakage due to relative technology'



less friction=less energy consumption due to relative technology

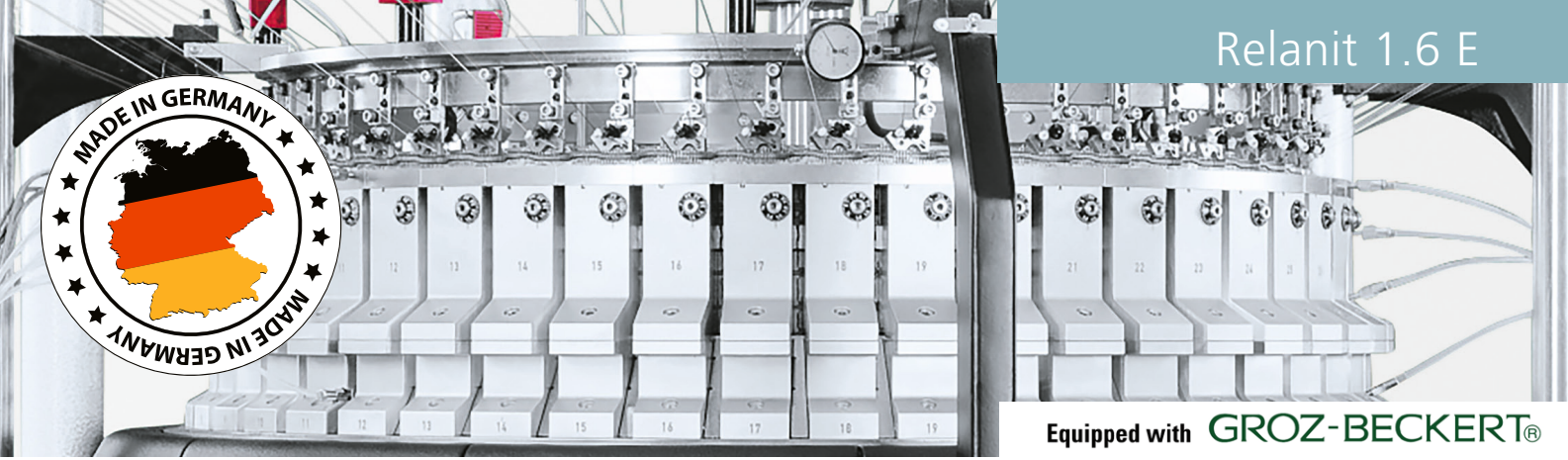


Application:

The Relanit 1.6 E knits single jersey electronic jacquard featuring 3-way technology. Almost any structure is easily achieved on this machine. That is particularly true for mesh and bodymapping. The former is a net-like hole pattern with a colourless substrate. Bodymapping makes use of two-end plating producing fabric patterns that acknowledge the human body's different transpiration zones.


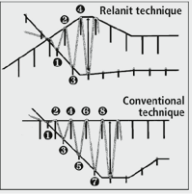
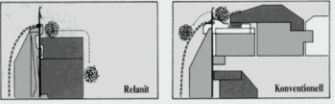
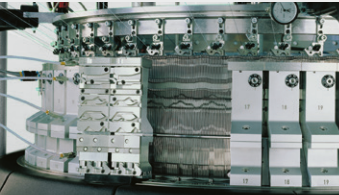
The Relanit 1.6 E combines advantages of two of Mayer & Cie.'s signature technologies, namely electronic single needle selection and relative technology.

That makes the machine a popular choice for producing fabrics for swimwear, outerwear and functional wear for sports and leisure activities as well as underwear and nightwear. It is also widely used in the home textiles and automotive segment.



Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
Long tried and trusted electromagnetic single needle selection	Maintenance-free	Low operating costs	
Relative technology	Fewer deflection points during stitch forming to avoid thread breakage	Fewer rejects	
No sinker cam box	Fewer fluff spots in the fabric	Higher fabric quality	
Needles and sinkers in one direction	No horizontal lines	Fewer rejects	

Technical data

Cylinder diameter:	26 - 34
Machine gauges:	16 - 32
No. of feeders:	48 feeders at 30"
Speed up to:	23 rpm at 30" SF 690

Production example (unfinished)

Structure: Jacquard Mesh	Efficiency rate: 85,00%	Gauge: 24	Weight: 105 g/m ²
Diameter" 30"	rpm 17	Production m/h 26.01	Production kg/h 5.46
Structure: Jacquard Relief	Efficiency rate: 85,00%	Gauge: 28	Weight: 204 g/m ²
Diameter 3B"	rpm 17	Production m/h 18.09	Production kg/h 7,53



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