

Your go-to machine for large-scale
single jersey production

Relanit 4.0

our performance for your profit

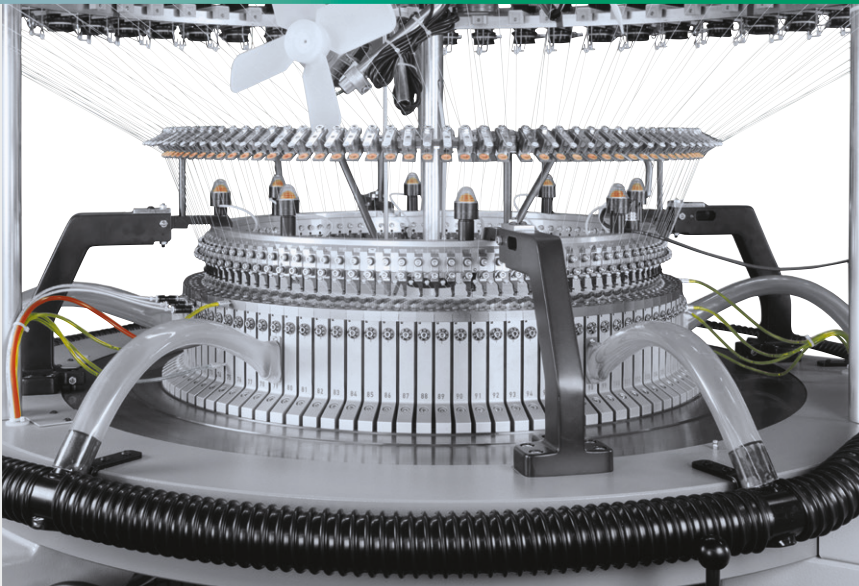


Application:

With a speed factor of up to 1,800, the Relanit 4.0 stands for outstanding productivity in plain single jersey manufacturing. Even structures like two-thread fleece and piqué are knitted with ease and precision.

The combination of Relanit technology and the newly developed spring sinker system offers maximum benefits when it comes to reducing energy consumption and lowering the CO₂ footprint. At the same time, it ensures longer service life of the knitting elements – all while maintaining the highest fabric quality. For added efficiency, the machine features the Mayer Cleaning System (MCS), which uses targeted air flow to automatically remove fibre residues, especially with short staple fibres yarns. Thus, MCS optimizes production, needle and sinker lifetime as well as machine longevity. Reduction of machine temperature is another positive side-effect of MCS.

Sports, leisure and outerwear - produced in bulk and bodysize - belong to the main fields of application of the powerful Relanit 4.0. The famous „White T-Shirt“ is made of bodysize fabrics.



✓ **50% less friction / less power consumption due to relative technology**

✓ **Speed factor = 1800**
(1800 = 60 rpm at 30")

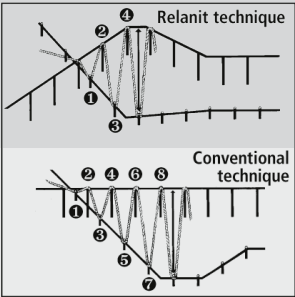
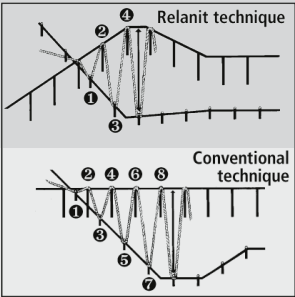
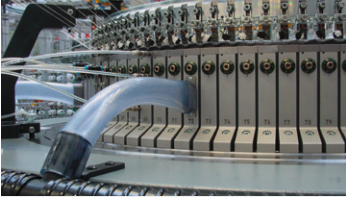
✓ **Fewer fluff spots**

✓ **Automated knit-on help**



Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
Flat needle and sinker curves	Less friction Less wear and tear Less energy consumption	More profit Less CO2	
Relative technology	Fewer deflection points during stitch forming to avoid thread breakage	Fewer rejects	
Mayer Cleaning System (MCS)	30 % less oil consumption Up to 250 % longer needle operating life Less temperature Longer cleaning interval	Low operating costs Less down time = higher utilization	
Spring sinkers	Reduced force Less vibrations Lower yarn tension Higher fabric quality	More profit Less CO2	

Technical data

Cylinder diameter:	15 - 36
Machine gauges:	18 - 28
No. of feeders:	120 feeders at 30"
Speed up to:	60 rpm at 30" SF 1800

Production example (unfinished)

Structure: Single Jersey	Efficiency rate: 85,00%	Gauge: 28	Weight: 125 g/m ²
Diameter" 30"	rpm 50	Production m/h 133,04	Production kg/h 36,59
Structure: 3:1 Single fleece	Efficiency rate: 85,00%	Gauge: 28	Weight: 170 g/m ²
Diameter 30"	rpm 38	Production m/h 60.4	Production kg/h 24.2



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www.mayercie.com



Management System
ISO 9001:2015
ISO 50001:2018
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