

*A perfect choice for production of high quantities in the single jersey sector.*

# Relanit 4.0

our performance for your profit

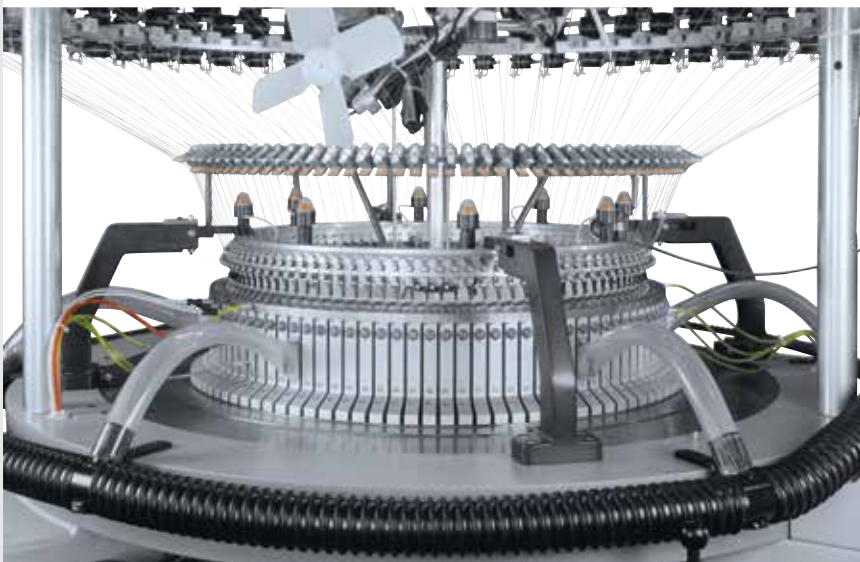


## Application:

With a speed factor of 1500 the Relanit 4.0 is synonymous for high production quantities in the single jersey production sector. Structures like e.g. two-thread-fleece and piqué can also be knitted with the Relanit 4.0 without any problems.

The computer-controlled knit-on help increases the efficiency and makes the knitting on after a yarn break an easy task.

Sports, leisure and outerwear are often produced in bulk and belong to the main fields of application of the powerful Relanit 4.0.



- ✓ **50% less friction**

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- ✓ **less energy consumption**

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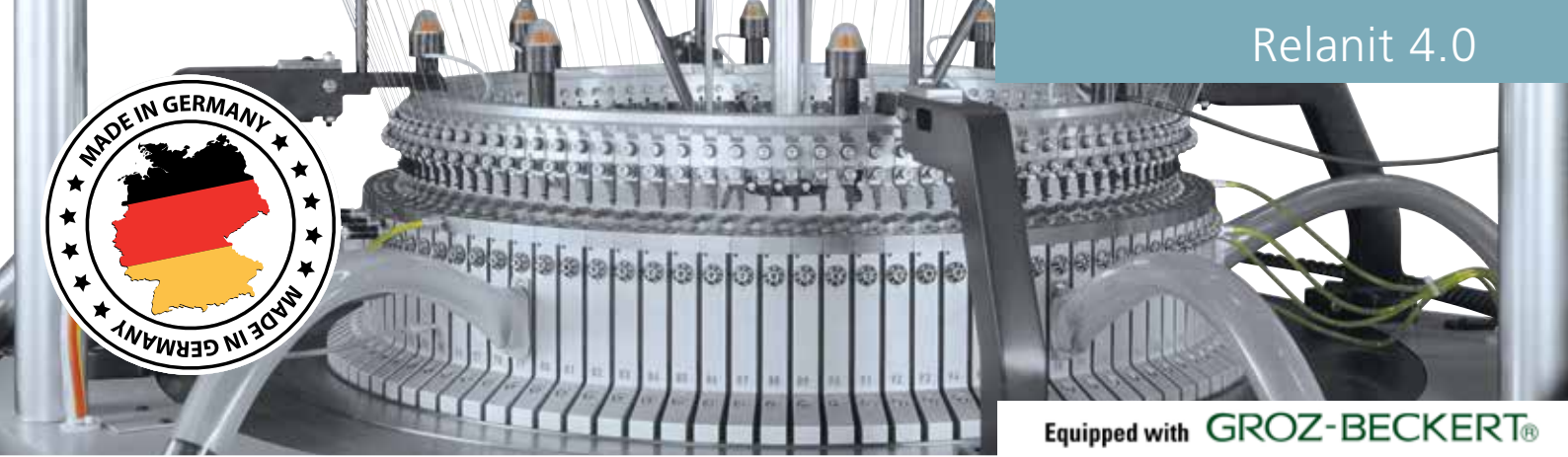
- ✓ **speed factor = 1500**  
(1500 = 50 rpm at 30")

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- ✓ **Mayer Cleaning System (MCS)**

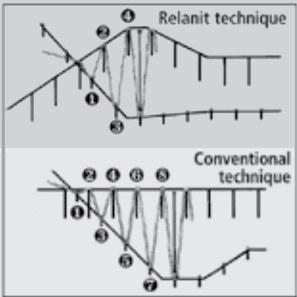


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- ✓ **automated knit-on help**



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<br>Less wear and tear<br>Less energy consumption   | More profit<br>Less CO2  |    |
| Relative technology                     | Less deflection points<br>During stitch forming to avoid thread breakage   | Less rejects   |  |
| Mayer Cleaning System (MCS)             | 30 % less oil consumption<br>Up to 250 % longer needle life time<br>Less temperature<br>Longer cleaning interval | Low operating costs<br>Less down time = higher utilization                                 |  |
| Automated knit-on help with servo-motor | Fast adjustment of fabric weight/fabric style<br>Consistent yarn supply<br>Reproducibility of fabric             | Less down time = higher utilization<br>Less yarn wastage<br>Higher fabric quality standard |   |

Technical Data

|                    |                                    |
|--------------------|------------------------------------|
| Cylinder diameter: | 15 - 36                            |
| Machine gauges:    | 20 - 28                            |
| No. of feeders:    | 120 feeders at 30"                 |
| Speed up to:       | 2,0 m/s (50 rpm at 30")<br>SF 1500 |

Production example (unfinished)

| Diameter                     | R.P.M.                   | Production m/h | Production kg/h              |
|------------------------------|--------------------------|----------------|------------------------------|
| 30                           | 50                       | 133,0          | 36,6                         |
| Structure: Single Jersey     | Efficiency rate: 85,00 % | Gauge: 28      | Weight: 115 g/m <sup>2</sup> |
| 30                           | 45                       | 114,8          | 26,3                         |
| Structure: 3:1 Single fleece | Efficiency rate: 85,00 % | Gauge: 28      | Weight: 240 g/m <sup>2</sup> |

