

An expert in top quality for fine rib  
and rib structures

## FV 2.0

our performance for your profit



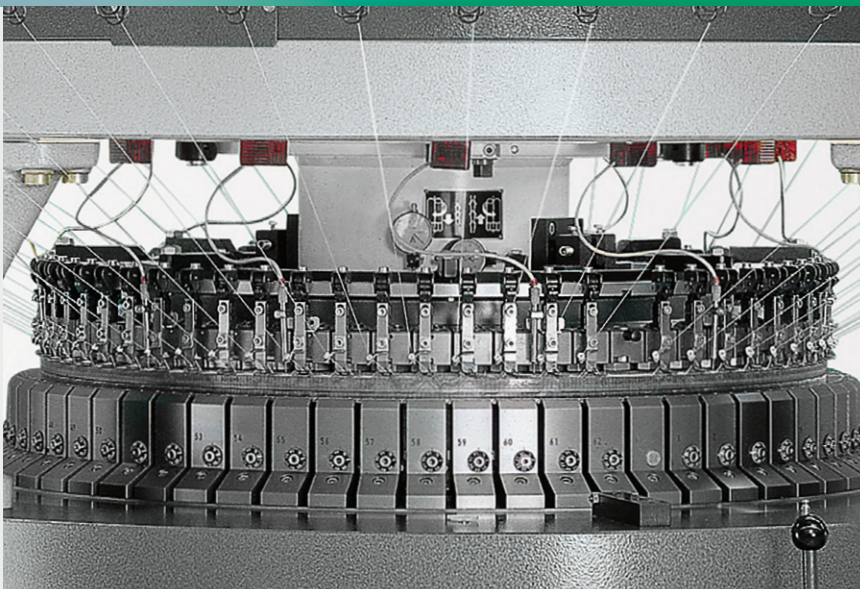
### Application:

The FV 2.0 knits fine rib and rib structures with one needle track in the cylinder and one in the dial. That makes for the FV 2.0's versatility: The machine may produce thermal 3F8 (3 x tuck, 5 x knit), double-end knitting, plating, rib tuck, half cardigan, cross-tubular as well as double face and Milano Rib.

Highest fabric elasticity is achieved with a delayed timing of up to 4 needles (at E22). Setting back yarn guides becomes redundant even when changing stitch length thanks to diagonal stitch cam parts. Those cam parts also effectively prevent plating errors as well as drop stitches and holes.

A 3-hole ceramic yarn guide accommodates the feeding of double-thread yarn and ensures the optimal transfer of the knitting yarn to the needle – again for reliable production of the most different rib structures.

The FV 2.0 is a highly sought-after option for creating underwear as well as T-shirts, due to its exceptional flexibility in handling fine rib and rib structures.



- ✓ **Speed factor = up to 1140  
(1140 = 38 rpm at 30")**

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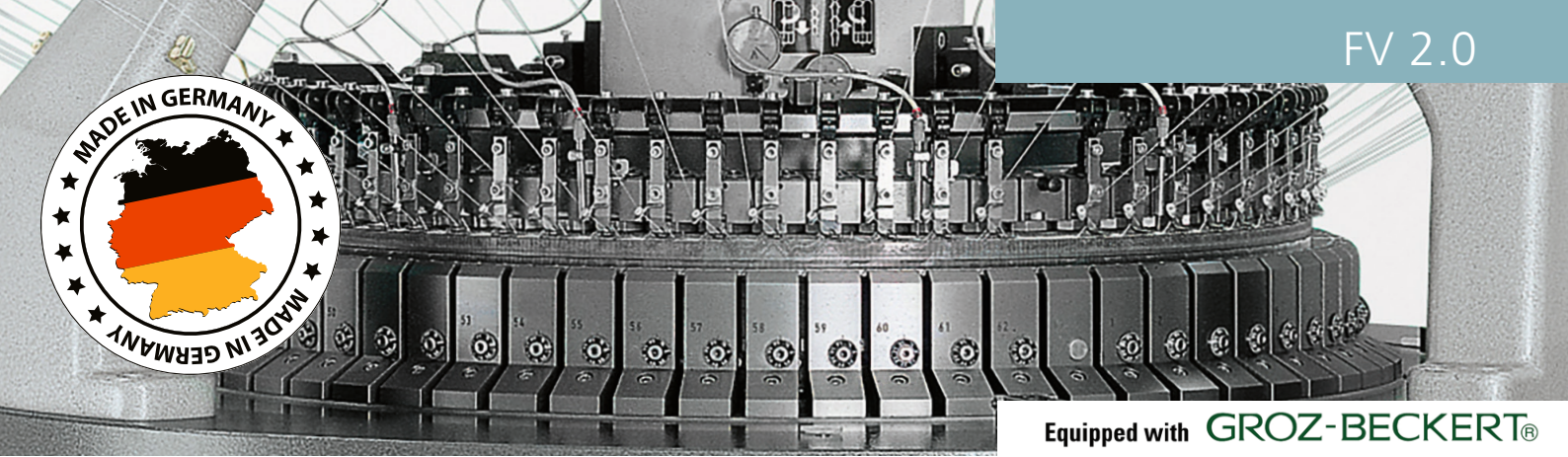
- ✓ **Diagonal stitch cam  
adjustment**

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- ✓ **Large delayed timing for  
highest fabric elasticity.**

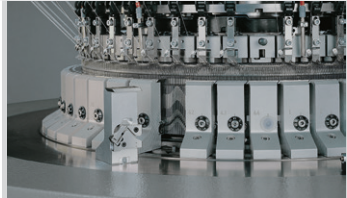

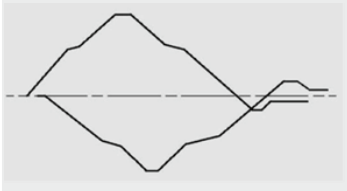

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- ✓ **Positive needle guidance**



Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
Positive needle guidance	Safe needle guidance to avoid uncontrolled needle movement and knitting defects	First-rate fabric quality	
Diagonal stitch cam adjustment	Perfect yarn carrier position Precise needle butt crossover between cams	Less down time = higher utilization Reliable fabric quality More profit	
Up to 5 mm knitting in delayed timing (= 4.3 needles in E 22)	Highest fabric elasticity	First-rate fabric quality	
Wear-free 3-hole full ceramic yarn guide	Less friction Less wear and tear Longer needle life time	Reliable fabric quality Minimum spare parts costs in the future	

Technical data

Cylinder diameter:	13 - 24, 26, 30, 32, 34
Machine gauges:	10 - 16, 18, 20, 22
No. of feeders:	62 feeders at 30"
Speed up to:	38 rpm at 30" SF 1140

Production example (unfinished)

<b>Structure:</b> fine rib 1:1	<b>Efficiency rate:</b> 85,00%	<b>Gauge:</b> 15	<b>Weight:</b> 175 g/m <sup>2</sup>
<b>Diameter"</b> 30	<b>rpm</b> 34	<b>Production m/h</b> 63.2	<b>Production kg/h</b> 21.2
<b>Structure:</b> fine rib 1:1	<b>Efficiency rate:</b> 85,00%	<b>Gauge:</b> 22	<b>Weight:</b> 144 g/m <sup>2</sup>
<b>Diameter</b> 13"	<b>rpm</b> 78	<b>Production m/h</b> 54.4	<b>Production kg/h</b> 3.0

