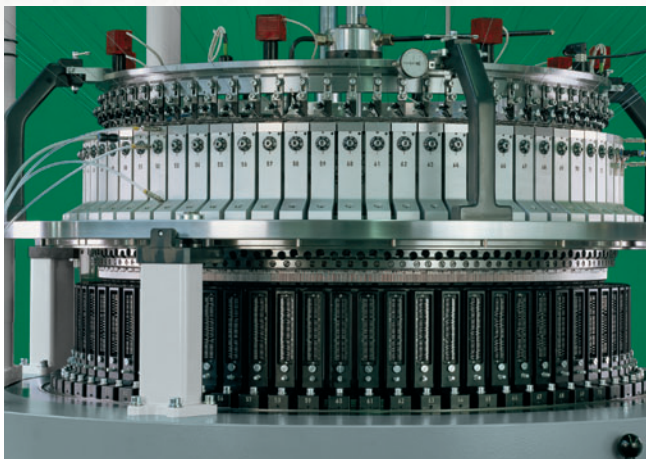




Relanit 2.4 SE



Mini-jac just by pressing a button!

Single jersey mini jacquard, structures and plated fabrics with electronic pattern setting.

The Relanit SE 2.4 will get any pattern to the machine in record time. Electronic resetting, mechanical knitting – this combination allows for ultra-flexible production which makes even small batch sizes worth while. Relanit technology ensures greater reliability, fewer faults and consequently reduced costs – by ensuring optimum gentle-action treatment of even the most difficult yarns.

And that's not all: the Relanit SE 2.4 also provides the full 3-way technique over 36 needles (miss-knit, tuck, knit) and positive needle guidance.



**THE FUTURE
IN KNITTING!**

Mayer & Cie.
Circular Knitting Machines

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Certified: DIN EN ISO 9001, EMAS/Öko Audit DIN EN 14001

Relanit 2.4 SE



Pattern resetting, fast and reliable.

To reset the pattern, simply fix the module at the selection device and access the feeder number at the display. Every selector is then perfectly adjusted at the flick of a switch. The module switches automatically from one feeder number to the next. Patterning information is processed at the laptop (PC) and entered directly via the selection control system. Patterns can be simply saved to disc, archived and reproduced at any time.

Jacquard quality through positive needle guidance

The needles are positively guided at every phase of the stitch-forming process. The butts run in closed tracks for outstanding operating reliability and fabric quality. And as the stitch-forming length is influenced by sinker lift, reliable press-off is also assured even for lightweight knits.

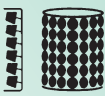











High-output, optimum plated fabrics

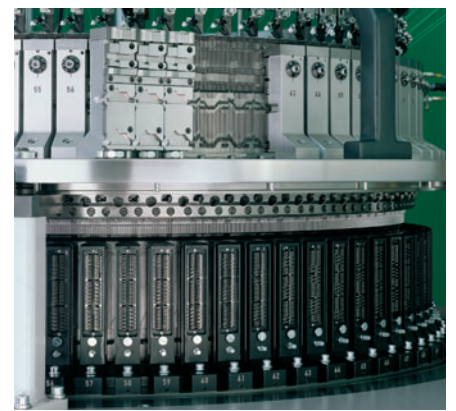
The gentle stitch-forming action and flat cam angle ensure higher speeds – even for difficult yarns. The low yarn tension in the stitch-forming area, in conjunction with special plating yarn

carriers and the opposing movements of needles and sinkers make sure that the plating and ground thread are always kept under control.

Exclusively from Mayer & Cie. – cam segments made of Perunal.

Perunal is a high-tech material derived from the world of aerospace engineering. It is characterized by outstanding dimensional stability at different temperatures, so enhancing knitting quality and reducing wear. Other benefits: Perunal does not oxidise, is substantially harder and permits improved dissipation of heat.

STANDARD		OPTION	
	Creel		Creel <ul style="list-style-type: none"> ● VARI creel ● VARI-creel with aluminium tubes ● VARI-circular creel with aluminium tubes ● double-end knitting
	Yarn feeding <ul style="list-style-type: none"> ● CONI+ 02 ● 2 rings, 2 double drives, 4 tapes ● friction feed clip-on unit 		Yarn feeding <ul style="list-style-type: none"> ● CONI+ 02, 2 units/feeder ● elastomeric plating ● CONI SEP 02 ● MCTmatic componens
	Needles/Sinkers <ul style="list-style-type: none"> ● 1 type of cylinder needles ● 1 set needle pusher ● pattern jacks 36/72 steps ● 1 type holding-down sinkers (in cylinder integrated) 		Needles/Sinkers <ul style="list-style-type: none"> ● sinker for long stitches ● latch opener 1/3 recommended
	Cam parts <ul style="list-style-type: none"> ● Cam segments made of perunal ● 1 needle track ● 1 needle track for security butt ● 1 track for holding-down sinker ● sliding cam part for plain single jersey 		Cam parts
	Frame <ul style="list-style-type: none"> ● portal frame for 520 mm fabric rolls ● one-step platform 		Frame <ul style="list-style-type: none"> ● industrial frame for 920 mm fabric rolls ● two-step platform ● Open-width frame for 330 mm fabric rolls (incl. steps)
	Drive/Electric <ul style="list-style-type: none"> ● frequency controlled drive (AC) ● 400 V, 50/60 Hz, 4 KW ● 1 KW peripheral units ● central processor unit with display ● control voltage 24 V 		Drive/Electric <ul style="list-style-type: none"> ● 200 – 260 volt ● 346 – 600 volt
	Take-down <ul style="list-style-type: none"> ● adjustable take down with positive drive ● rubber covered rollers ● MCT trapezoid spreader 		Take-down <ul style="list-style-type: none"> ● folding device ● fabric work box ● MCT trapezoid spreader rollers and take down rollers for elastomer and sensitive yarns ● fabric cutting device
	Control <ul style="list-style-type: none"> ● SENSO P pressure oiler (oil: VG 22, VI 110±20) ● 3-shift counter ● central control for oiler, counter and peripheral accessories ● working hour counter ● stationary and rotating lintblower (air: min. 6 bar, 250 l/min.) ● Peripheral equipment control by display ● VK 3 		Control <ul style="list-style-type: none"> ● 4/5-shift-counter ● VG 3
	Miscellaneous <ul style="list-style-type: none"> ● Intus for CONI+ and CONI SEP ● needle detectors ● electr. supervision system with display (e.g. yarn feeding systems, oiler, safety guards and pneumatic unit) 		Miscellaneous <ul style="list-style-type: none"> ● module and selection control device for pattern transmission ● Interface for MDA ● Intus for MER and MPF ● gauge/magnet fixing ● sample cutter/weight scale



Cylinder diameters	26"	30"	34"
Machine gauges	E 18 – E 28		
No. of feeders	62	72	82
Speed up to	30 rpm	1.05 m/s 26 rpm	23 rpm
Minim. space requirement	15 m ²	18 m ²	22 m ²
Weight appr.	2500 kg	2600 kg	2700 kg

Subject to design changes in the interest of technical progress. Illustrations may depict accessories which are not included in the standard machine equipment.

* on request