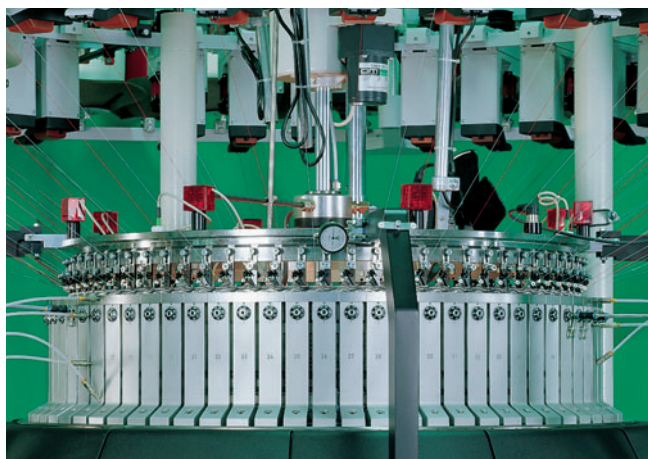




Relanit 2.4 E



**Full jacquard
electronic capability
with the 3-way
technique – flexibility
and high performance.**

**All single jersey and jacquard structured
knits as well as plated fabrics with elastomer
and float.**

The Relanit 2.4 E keeps you that decisive step ahead of the competition. By permitting the production of bulk fashion fabrics quickly and simply. 72 feeders with a 30" diameter guarantee high production, while the full 3-way technique creates outstanding patterning variety, and the tried and tested MCT electronic control system with individual needle selection for every feeder ensures pattern changeover within seconds - reliably and without faults. And handling could not be simpler: Individual segments make the Relanit 2.4 E easy to operate and highly practical in application. All the service units are protected from dirt by integration inside the machine frame. Setting of the maintenance-free control take-down is quick and reliable with the aid of a display.



***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 E



Knit what the market wants – with maximum output.

Making use of the three-way technique, the Relanit 2.4 E produces just exactly what you want: 1, 2 and 3-colour jacquard, tuck jacquard, jacquard with float, jacquard two-thread fleece, intarsia patterning and much more. As well as knitting plated fabrics with elastomer yarns with outstanding performance and in a top standard of quality.

Fast resetting, fault-free knitting of every pattern.

Following pattern preparation at the PIC 3, the Relanit 2.4 E is able to accept any pattern in a

matter of seconds and immediately begins knitting – without faults. This facility permits the fast, economical implementation of creative ideas and fashion trends. Pattern implementation is extremely simple and places no special demands on personnel.

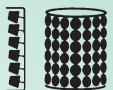










Relanit technology enhances productivity.

The needle butts travel positively in a completely closed track, and the needle tracks remain constant, so enhancing operating reliability and fabric quality. As the stitch-forming depth is set by raising the sinker, press-off reliability is assured even for lightweight and, particularly important, coarse knits. A flat cam angle reduces friction,

increases speed and makes for longer service life of both needles and sinkers. And by exercising particular care of the yarn, the number of faults in the fabric can be substantially reduced.

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 SEP 02 ● 2 rings, 2 drives, 4 quality wheels, 4 tapes 		Yarn feeding <ul style="list-style-type: none"> ● elastomeric plating ● CONI+ 01
	Needles/Sinkers <ul style="list-style-type: none"> ● 1 type of cylinder needles (with security butt)/control sinkers ● 1 double magnet/feeder for electronically controlled individual needle selection ● 1 type holding-down sinkers (in cylinder integrated) 		Needles/Sinkers <ul style="list-style-type: none"> ● spoonless needles* ● sinker for long stitches ● latch opener
	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 		Cam parts <ul style="list-style-type: none"> ● S/J float plated stitches*
	Frame <ul style="list-style-type: none"> ● portal frame for 520 mm fabric rolls ● one-step platform ● temperature regulator from gg18 on 		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 ● 4 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"> ● PIC 3-software ● rapport and striper-software ● battery in case of power failure ● Interface for MDA ● Intus for MER and MPF ● gauge/magnet fixing ● sample cutter/weight scale

Subject to design changes.

Illustrations may depict accessories which are not included in the standard machine equipment.



Cylinder diameters	30" 34"*
Machine gauges	E18* – E26*, E28
No. of feeders	2.4/inch 72 82
Speed up to	0.8 m/s 20 rpm for 30"
Minimum space requirement appr.	26 m ² (30")
Weight appr.	3200 kg (for 30")

*on request