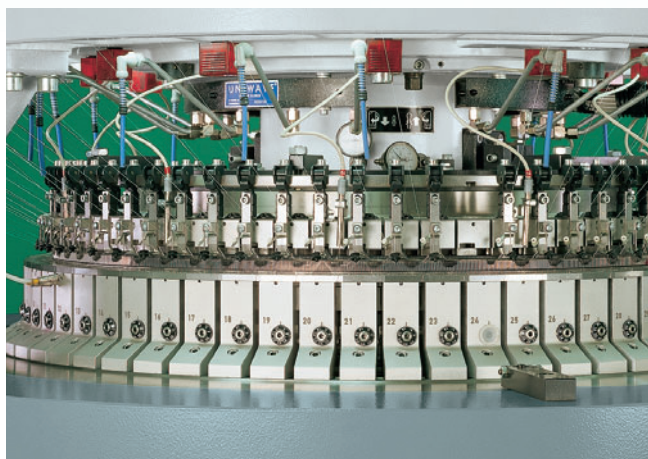




FS 2.0



The very first rib to knit on automatically.

The entire underwear range from plain rib to tuck rib including plated knits without laborious joining on after yarn breakage.

The FS 2.0 is the first double jersey circular knitting machine capable of knitting on automatically with the support of the sinkers. This facility makes it unbeatably user friendly and consequently also more productive. The FS 2.0 can be used to cover practically every standard market segment in the ladies', men's and children's underwear sector. The outstanding precision afforded by the FS 2.0 ensures top fabric quality, and with delayed timing of up to 5 mm, the fabric is characterized by outstanding elasticity. The high number of feeders and the speed provide the assurance of streamlined bulk production. The diagonally guided take-down cams take care of immediate and controlled release of the stress on the formed stitch, resulting in the extreme reliability of the FS 2.0.

Stitch adjustment processes take place without the need to reset the yarn feeder. The FS 2.0 can be simply reset to the tuck and miss-knit position using exchange cams. For high-performance, dependable knitting, the FS 2.0 can be relied on to produce top quality at favourable costs.



**THE FUTURE
IN KNITTING!**

Mayer & Cie.
Circular Knitting Machines

Mayer & Cie. GmbH & Co. KG

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

User convenience coupled with high performance.

The FS 2.0 holds the stitch in position in case of a yarn breakage, so permitting the machine to knit on automatically. This not only simplifies operation but also enhances efficiency. 2 systems per inch diameter and a speed of up to 1.5 m/s mean high performance and reliability in continuous operation.

Positive needle guidance, gentle deflection.

The FS 2.0 is designed for quality and performance. The positive needle guidance coupled with

gentle deflection in the cam track mean minimal wear. Needles are smoothly and reliably guided, so substantially increasing their service life.

Knitting what the market wants.

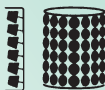









Use of exchange cams in the FS 2.0 means no restrictions when it comes to knitting fine rib fabric and rib constructions. Plain rib, 2/2 rib, colour stripes, two-thread working, plating, rib tuck, half cardigan, thermal, tuck ripple, half Milano, double face and Milano Rib represent only the main scope of efficient, reliable performance offered by the FS 2.0.

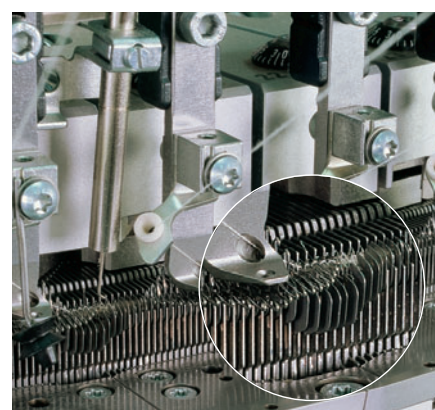
Plating.

The FS 2.0 is capable of plating to an excellent standard of quality with a high degree of elasticity – both for normal plating and when using elastomers.

Exclusively from Mayer & Cie. – cam elements 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.

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+ 03 ● 1 ring, 1 double drive, 1 single drive, 3 tapes 		Yarn feeding <ul style="list-style-type: none"> ● CONI+ 01 ● CONI+ 01, 2 units/feeder ● CONI+ 03, 2 units/feeder ● elastomeric plating in dial needle ● MCTmatic components
	Needles/Sinkers <ul style="list-style-type: none"> ● 1 type of cylinder needles ● 1 type of dial needles ● 1 type of knock-over sinkers ● 4,5 mm delayed timing 		Needles/Sinkers
	Cam parts <ul style="list-style-type: none"> ● cam segments made of perunal ● cylinder cam box 1 A-cam/feeder ● dial cam box 1 A-cam/feeder ● synchronized and delayed timing ● diagonal stitch length adjustm. ● individual segments and needle door 		Cam parts <ul style="list-style-type: none"> ● 2nd stitch length area ● exchange cams for rib structures
	Frame <ul style="list-style-type: none"> ● portal frame for 520 mm fabric rolls 		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 ● steps for the open-width frame ● sliding doors for open width frame
	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 with rolls and take down rollers for elastomeric and sensitive yarns ● EPA take-down system ● 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 ● VG 3 		Control <ul style="list-style-type: none"> ● 4/5-shift-counter ● flutter blower
	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"> ● Interface for MDA ● ARGUS ● gauge/magnet fixing ● sample cutter/weight scale ● Intus for MER and MPF



Cylinder-diameters	14" – 24", 26", 30", 34"
Machine gauges	E 10* – E 16*, E 18, E 20*
No. of feeders	2.0/inch 62 feeders at 30"
Speed up to	1.5 m/s (38 rpm at 30")
Minimum space requirement appr.	12 m² – 20 m²
Weight appr.	2400 kg – 2700 kg

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

* on request