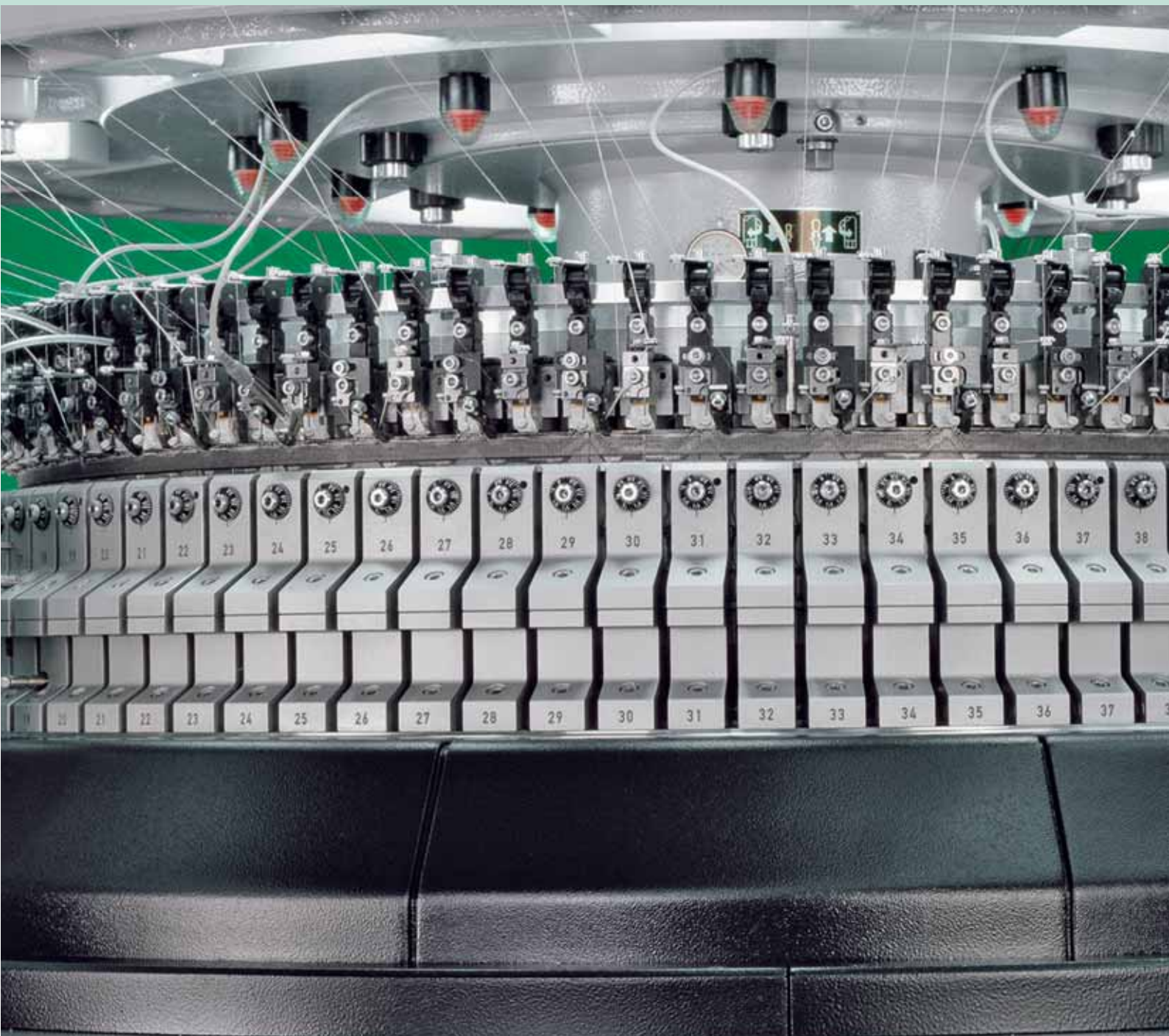


OVJA 2.4 E

The benchmark for electronic jacquard production – simply fast and versatile.



Created in Albstadt. Made in Germany!



*Always in fashion -
Quality!*
Mayer & Cie.
Circular Knitting Machines



OVJA 2.4 E

From structures to colour and tuck jacquard – precise and economical.

The OVJA 2.4 E knits all known structures including relief patterns – in brief, whatever is in vogue. And the electronic individual needle selection in the cylinder permits any pattern to be simply transferred to the machine in a matter of seconds. In conjunction with dial cam setting in 3 positions, the OVJA 2.4 E offers simple handling and highly productivity with 2.4 feeders per inch diameter. Knitting what the market demands – simply, quickly, reliably and with maximum profit – the OVJA 2.4 E sets the standard.

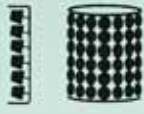










Best mattress fabrics with 92 feeders.

The OVJA 2.4 E is offered with 92 feeders and a diameter of 38" specifically for the manufacture of fabrics for mattress production. Because of the associated increase in performance and high production output, with this number of feeders an industrial frame capable of accommodating fabric bales of up to 920 mm diameter is offered.

Cylinder-diameter	30"	34"	38"
Machine gauges	E 18 - E 28		
No. of feeders	72	82	92
Speed up to	23	0.9 m/s 20	18
Minimum space requirement appr.	24 m ²	29 m ²	35 m ²
Weight appr.	3500 kg	3800 kg	4000 kg



Specifications and facts:

STANDARD		OPTION	
	Creel		Creel <ul style="list-style-type: none"> ● Flexcreel without tubes ● Flexcreel with alu-tubes ● Flexcreel-circular creel with alu-tubes ● air-jet for Flexcreel
	Yarn feeding <ul style="list-style-type: none"> ● 2 rings 		Yarn feeding <ul style="list-style-type: none"> ● elastomeric plating in dial needle ● lay-in yarn guide ● MPF 20 ● jacquard feeding units
	Needles/Sinkers <ul style="list-style-type: none"> ● 2 types of dial needles (central stitch length butt) ● 1 type of cylinder needles (with security butt)/control sinkers ● 1 selecton magnet per feeder for electronically controlled individual needle selection ● 3 mm delayed timing 		Needles/Sinkers
	Cam parts <ul style="list-style-type: none"> ● cam segments made of perunal ● cyl. 1 A/C; 0,5 B/C; 1A/B selection possibilities/feeder ● rib 1 A/C1+1 A/C2+1/3 B1+1/3 B2+2/3 D1 ● positive needle guidance 		Cam parts <ul style="list-style-type: none"> ● exchange cams B1/B2, D1 ● device for spacer-fabric for 4 mm with jacquard (1/3 feeders)
	Frame <ul style="list-style-type: none"> ● portal frame for 520 mm fabric rolls ● temperature regulator from gg 22 on 		Frame <ul style="list-style-type: none"> ● industrial frame for 920 mm fabric rolls ● open-width frames ● industrial open-width frame ● steps for the open-width frame ● sliding platform
	Drive/Electric <ul style="list-style-type: none"> ● frequency controlled drive (AC) ● 400 V, 50/60 Hz, 4 KW ● 4 KW peripheral units ● machine controller with colour display, touch screen and USB-port ● control voltage 24 V 		Drive/Electric <ul style="list-style-type: none"> ● 200-260 volt ● 346-600 volt ● fabric light in the side legs
	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 elastom. and sensitive yarns ● fabric cutting device ● MFT-multi function take-down
	Control <ul style="list-style-type: none"> ● SENSO P pressure oiler (oil: VG 22, VI 110±20) ● 3-shift counter ● working hour counter ● central control for oiler, counter and peripheral accessories ● 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"> ● needle detectors ● electr. supervision system with display (e.g. yarn feeding systems, oiler, safety guards and pneumatic unit) ● battery in case of power failure ● datatransfer via Bluetooth (Stick to be provided by customer) 		Miscellaneous <ul style="list-style-type: none"> ● MDS 1 (Mayer Design Software) ● rapport and striper-software ● Interface for MDA ● gauge/magnet fixing ● Intus for MER and positive feeding units ● MDA.web softw. f. machine data acquisition ● measurement device of yarn length ratio of elastomeric yarn

*on request

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

Fast, economical production of what the market wants.

Tried and tested MCT full electronics with individual needle selection in the cylinder cam opens up new creative scope. In conjunction with MDS 1 pattern preparation with the familiar Windows user interface, every pattern is transferred to the machine in a matter of seconds. Together with 3 positions in the dial cam, this makes for unique patterning variety, fast and easy resetting and high output. The efficient way to knit even the smallest quantities.



Positive needle guidance for enhances jacquard quality.

Greater stitch precision due to positive needle guidance and cylinder needles with movable needle butt (an MCT patent!) mean operating reliability and stitch precision due to smooth needle guidance and gentle deflection. No more dropped or double stitches coupled with reduced needle wear – especially important at high speed – additionally enhance productivity and economy.

MCT full electronics - Simple, safe and reproducible.

The Mayer & Cie. system of electronic single needle selection with just one magnet per feeder, which is patented world-wide, is considered exemplary by users, and has been well-proven in thousands of machines. It operates absolutely reliably and is simple to operate. It turns change-over times into profitable production time.

Simple Operation via Touch Screen Display.

The state-of-the-art, clear touch screen display, which has a USB port and permits the wireless transmission of patterns via a Bluetooth adapter, guarantees easy-to-understand prompting. At 2 GB it has a high memory capacity. Software updates can be carried out by the user without having to use the MCT service.



High performance in both quality and output – also with open-width.

With the increasing use of modern synthetic fabrics and elastomer plating, open-width technology is gaining in importance. Mayer & Cie. open-width devices are designed to match the stringent technical, quality and performance standards of the circular knitting machines, with both the mechanical and electronic version capable of reaching speeds up to 40 rpm in continuous operation.

With the utmost reliability. This type of high-speed open-width technology calls for a highly stable frame construction. New drive systems, special inverters, internally developed and modified MCT software, a speed-controlled braking system and suitably designed take-down bearings are just some of the reasons for the ground-breaking new standards set by Mayer & Cie. open-width devices.

The open-width frame is also optionally available for fabric rolls up to 600 mm.



Always in fashion - Quality!
Mayer & Cie.
Circular Knitting Machines

Mayer & Cie. GmbH & Co. KG
Tailfingen · Emil-Mayer-Straße 10 · D-72461 Albstadt
Postal address: Postfach 20 15 80 · D-72438 Albstadt
Tel. +49 (0)7432 7000 · Fax +49 (0)7432 700315
E-mail: sales@mayercie.de · www.mayercie.com

Certified: DIN EN ISO.