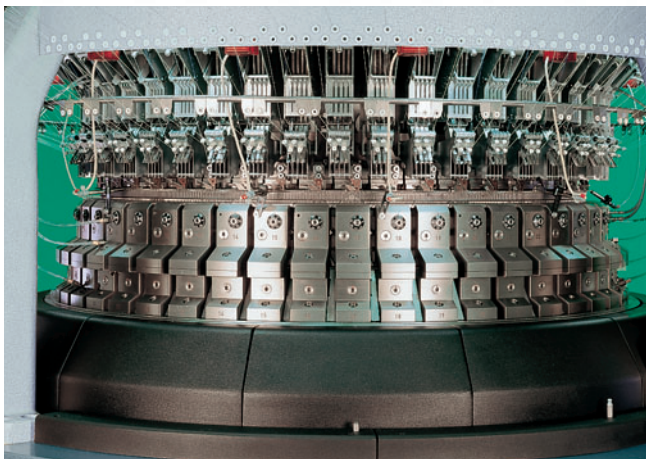




OVJA 1.6 ER



Jacquard electronics with stripes – fast and versatile.

**Knit what fashion demands:
Structures, colour, tuck and relief jacquard –
combined with fashion stripes.**

The OVJA 1.6 ER has become a bestseller. Because of its universal possibilities and its outstanding productivity. Not to mention its operating simplicity and reliability in practical application. Its comprehensive pattern versatility is enhanced still further by stripes. Minimal resetting times with the aid of electronic pattern resetting, as well as externally resettable cams in the dial cam box turn what used to be costly stand-still periods into full production time. Handling simplicity coupled with absolute reliability.

Positive needle guidance, diagonal stitch-forming and electronic individual needle selection add up to bulk qualities in tip-top jacquard quality.



**THE FUTURE
IN KNITTING!**

Mayer & Cie.
Circular Knitting Machines

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

OVJA 1.6 ER



Full MCT electronics – Simple, reliable, reproducible.

Electronic individual needle selection from Mayer & Cie. – proven in application thousands of times over – provides absolute reliability and extreme operating simplicity with only 1 magnet per feeder. Which turns costly resetting time into profitable production time while also cutting down on personnel.

Creative patterning, efficient production.

The minimal resetting times made possible by tried and tested full MCT electronics open up a whole new scope for creativity – especially

together with the PIC 3. The dial cam can be reset quickly and simply to three positions from the outside. The result: A unique variety of patterns, with or without stripes, simple resetting of the fabric reverse, efficient knitting – for even the smallest batch sizes.













Positive needle guidance enhances jacquard quality.

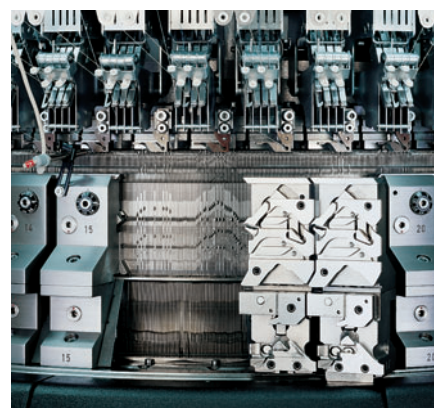
Positive needle guidance and cylinder needles with movable butt (MCT patent!) mean added operating reliability and stitch precision by ensuring smooth guidance and gentle needle deflection. The elimination of double and drop

stitches means lower needle wear, particularly at high production speeds, improved productivity and greater economy.

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"> ● Top creel single-end without reserve (not in combination with elast. or additional feeding units) ● VARI-striper creel with aluminium tubes without reserve ● VARI-striper creel with aluminium tubes with reserve |
|  | Yarn feeding <ul style="list-style-type: none"> ● CONI RS ● 1 ring, 1 double drive, 2 tapes ● intermediate stop motion ● yarn stop motion with cymbal brake and knotcatcher ● 4 colour striper |  | Yarn feeding <ul style="list-style-type: none"> ● elastomeric plating in dial needle ● CONI SEP instead of CONI RS (4 per cam box) ● CONI SEP ● CONI+ 03 |
|  | 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 control magnet/feeder ● approx. 6,5 mm delayed timing (adjustable, gauge indication) ● implant for dial | | Needles/Sinkers <ul style="list-style-type: none"> ● needles for plating as of gg14 (standard in case of elast. plating) |
|  | Cam parts <ul style="list-style-type: none"> ● Cam segments made of perunal ● dial 2 tracks (outside adjustable, 3 positions) ● cylinder 1 track ● slider cams for miss-knit, miss-tuck, tuck-knit ● exchange cams D1 for blister (2/3 feed.) |  | Cam parts <ul style="list-style-type: none"> ● 2nd stitch length area ● exchange cams for support ● terry device at every 2nd feeder (not in combination with striping) |
|  | Frame <ul style="list-style-type: none"> ● portal frame for 520 mm fabric rolls ● temperature regulator from gg24 on ● one-step platform | | 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 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 ● VG 3 | | Control <ul style="list-style-type: none"> ● 4/5-shift-counter |
| | 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) ● battery in case of power failure | | Miscellaneous <ul style="list-style-type: none"> ● PIC 3-software ● rapport and striper-software ● Interface for MDA ● Intus for MER and MPF ● gauge/magnet fixing ● sample cutter/weight scale |



| | | |
|---------------------------------|----------------------------|-------------------|
| Cylinder diameters | 30" | 34" |
| Machine gauges | E 14 – E 28 | |
| No. of feeders | 48 | 54 |
| Speed up to | 0.8 m/s (20 rpm at 30") | |
| Minim. space requirement | 32 m ² | 36 m ² |
| Weight appr. | 3700 kg | 3800 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