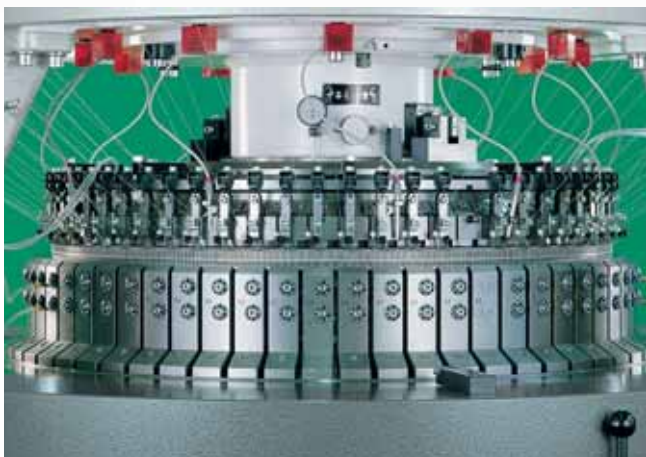


# Inovit 2.0 QC



## Bulk production coupled with versatility, quality, low cost.

**Simply efficient: Double jersey-structures through to rib and Quick-Change of cylinder and dial.**

Inovit 2.0 QC is a structure machine which encompasses all the best Mayer & Cie. characteristics for high productivity with the minimum possible outlay.

It is convenient to operate and undemanding throughout, as well as being outstandingly reliable – an invaluable asset in the continuous stress of multiple-shift operation. It is versatile and configured to permit a wide range of different structures: 10 structures as standard, from interlock to cross-tubular, woven knits and Punto di Roma as well as Swiss and French double piqué. Additional exchange cams permit 1:1/2:2 rib, interlock-cross-miss, piqué, trainer, Milano rib and double face. And it goes without saying that the Inovit 2.0 QC is also just the job for high-quality standard and elastomer plating. Equipped with Quick-Change, quick conversion to different gauge ranges is simplicity itself! In the high standard of Mayer quality you have come to expect!



***THE FUTURE  
IN KNITTING!***  
**Mayer & Cie.**  
**Circular Knitting Machines**

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Certified: DIN EN ISO.

# Inovit 2.0 QC



## Performance for fast returns.

The Inovit 2.0 QC is a bulk production machine. With a speed of max. 1.4 m/s and 62 feeders. Reliable, safe. Which adds up to over 40 r.m./h with E 20 (double pique).

## Positive needle guidance, gentle deflection.

Two needle types each are positively guided in the cylinder and dial cam. The cam curves for gentle needle deflection are configured for high performance. Smooth, reliable needle guidance guarantees a substantially increased service life.

## Diagonally adjustable stitch cams.

Laterally constant latch turnover means that yarn feeders no longer require adjustment when altering the knock-over depth. Needle clearance remains constant, no matter what the stitch length, so ensuring reliable press-off – even for lightweight fabrics.

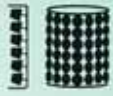













## Gauge changeover with Quick-Change – quick and simple.

For different gauge ranges, Quick-Change uses a simple fixture for fast, reliable removal and mounting of the cylinder and dial. Which means added flexibility. Standard and elastomer

plating. Even when plating on the dial needles, the Inovit 2.0 QC produces quality which pays dividends.

## 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
	<b>Creel</b>		<b>Creel</b> <ul style="list-style-type: none"> <li>Flexcreel without tubes</li> <li>Flexcreel with alu-tubes</li> <li>Flexcreel-circular creel with alu-tubes</li> <li>air-jet for Flexcreel</li> <li>double-end knitting</li> </ul>
	<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>MPF 30</li> <li>1 ring, 3 single drives, 3 tapes</li> <li>full ceramic yarn carrier, 3 holes</li> </ul>		<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>MPF 30, 2 units/feeder</li> <li>elastomeric plating in dial needle</li> <li>lay-in yarn guide up to max. 0,5/feeder</li> <li>MCTmatic components</li> </ul>
	<b>Needles/Sinkers</b> <ul style="list-style-type: none"> <li>2 types of cylinder needles</li> <li>2 types of dial needles</li> <li>5 mm delayed timing</li> </ul>		<b>Needles/Sinkers</b> <ul style="list-style-type: none"> <li>gg18/20 needles with small hook</li> <li>blind needles* (pls. consider support cams)</li> <li>1 type dial/cylinder needles (cam parts for 1 needle track) for rib (up to gg20)</li> </ul>
	<b>Cam parts</b> <ul style="list-style-type: none"> <li>cam segments made of perunal</li> <li>cylinder cam box 1 A/1 C-cam/feeder</li> <li>dial cam box 1 A/1 C-cam/feeder</li> <li>diagonal stitch length adjustm.</li> <li>synchronized and delayed timing</li> <li>individual segments and needle door</li> </ul>		<b>Cam parts</b> <ul style="list-style-type: none"> <li>gauge conversion »Quick-Change«</li> <li>2nd stitch length area</li> <li>exchange cams for support</li> <li>exchange cams for rib structures</li> <li>exchange cam parts, cyl.: A, B, C, D, E dial A1, A2, B1, B2, C1, C2 (relief 2/3 per feed. recomm.)</li> <li>additional parts for „Meyrinoise stitch“ for 30“</li> <li>perlfrottee only for 34“</li> </ul>
	<b>Frame</b> <ul style="list-style-type: none"> <li>portal frame for 520 mm fabric rolls</li> <li>QC facility for easy gauge conversion</li> </ul>		<b>Frame</b> <ul style="list-style-type: none"> <li>industrial frame for 920 mm fabric rolls</li> <li>giant frame for 1250 mm fabric rolls up to 38“</li> <li>sliding platform</li> <li>open-width frames</li> <li>steps for the open width frame</li> <li>industrial open-width frame</li> <li>assembly facility for conversion kit »QC«</li> </ul>
	<b>Drive/Electric</b> <ul style="list-style-type: none"> <li>frequency controlled drive (AC)</li> <li>400 V, 50/60 Hz; 4 KW (30“-34“); 5,5 KW (36“-38“)</li> <li>1 KW peripheral units</li> <li>machine controller with colour display, touch screen and USB-port</li> <li>control voltage 24 V</li> </ul>		<b>Drive/Electric</b> <ul style="list-style-type: none"> <li>200–260 volt</li> <li>346–600 volt</li> <li>fabric light in the side legs</li> </ul>
	<b>Take-down</b> <ul style="list-style-type: none"> <li>adjustable take down with positive drive</li> <li>rubber covered rollers</li> <li>MCT trapezoid spreader</li> </ul>		<b>Take-down</b> <ul style="list-style-type: none"> <li>folding device</li> <li>fabric work box</li> <li>MCT trapezoid spreader rollers and take down rollers for elastom. and sens. yarns</li> <li>fabric cutting device</li> <li>MFT-multi function take-down</li> </ul>
	<b>Control</b> <ul style="list-style-type: none"> <li>SENSO P pressure oiler (oil: VG 22, VI 110±20)</li> <li>3-shift counter</li> <li>central control for oiler, counter and peripheral accessories</li> <li>working hour counter</li> <li>stationary and rotating lintblower (air: min. 6 bar, 250 l/min.)</li> <li>peripheral equipment control by display</li> <li>VG 3</li> </ul>		<b>Control</b> <ul style="list-style-type: none"> <li>4/5-shift-counter</li> <li>flutter blower</li> </ul>
	<b>Miscellaneous</b> <ul style="list-style-type: none"> <li>electr. supervision system with display (e.g. yarn feeding systems, oiler, safety guards and pneumatic unit)</li> <li>needle detectors</li> </ul>		<b>Miscellaneous</b> <ul style="list-style-type: none"> <li>Interface for MDA</li> <li>Argus</li> <li>gauge/magnet fixing</li> <li>Intus for MER and pos. feeding units</li> <li>MDA.web software for machine data acquisition</li> <li>measur. device of yarn length ratio of elastomeric yarn</li> </ul>



<b>Cylinder diameters</b>	26" – 38"
<b>Machine gauges</b>	E 10 – E 24, E 26*, E 28
<b>No. of feeders</b>	1,5/inch (62 feeders at 30")
<b>Speed up to</b>	1.4 m/s (35 rpm at 30")
<b>Minim. space requirement</b>	24 m <sup>2</sup> at 30"
<b>Weight appr. kg</b>	2.700 at 30"

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

\* on request