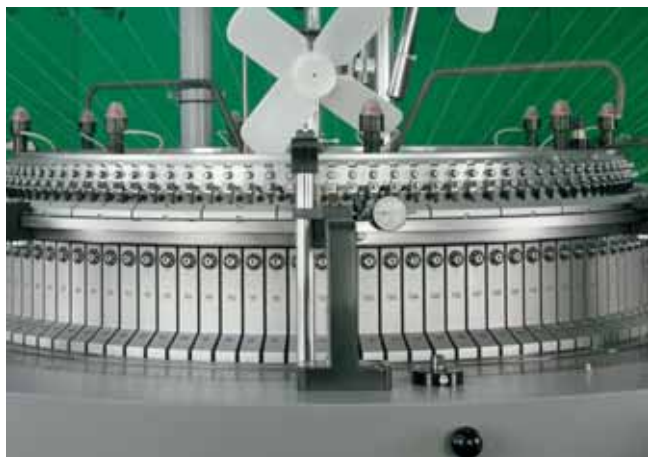




MV 4-3.2 II



Higher performance and more versatile.

Single, two or four needle structures, crêpe, two-thread fleece and single plated. From gauges E12 to E60.

The MV machine series has optimally proven itself with more than 6,000 machines in daily use to date. The MV 4-3.2 II raises the stakes yet again. For example, it can produce a "knitted silk effect" in perfect quality in gauges up to E 60. From gauges E 44, the new CONI++ feeding device is fitted as standard, as are additional sinker cam supports for an absolutely stable hold. The temperature control guarantees a constantly optimised operating temperature, both at the start and in continuous operation.

A new sinker design, new double sinker guidance and a new sinker cambox mean half the degree of wear and guarantee a more even fabric appearance.

Higher performance + higher quality + fewer faults + lower costs = higher productivity + top sales potential.



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Certified: DIN EN ISO

MV 4-3.2 II



Perfected Fine Touch.

High-quality yarns made of cotton, viscose, polyester and others can be used to create fabrics for high-quality underwear, shirts, blouses and high-quality outerwear. As fine and sophisticated as silk but pleasantly elasticated for absolute wearing comfort. New, interesting markets for circular knitting.

Versatile and reliable.

4 needle types and 3 needle positions, depending on the cam, determine the structure range. Needles and sinkers are positively controlled in all movement phases. This means consistently high performance with minimised wear and reduced maintenance.

MCT-specific sinker shape, double sinker guidance and sinker cam halve the wear, and ensure a uniform fabric appearance.

Fast resetting + more performance + fewer faults + lower costs = high productivity.

Diagonally adjustable stitch cams.

Because the needle clearance remains constant, the yarn feeders do not need to be reset. The needle clearance height is unaffected by the stitch length. This means reliable press-off, even with light knits. Central stitch formation setting facilitates modification of the stitch length, reducing resetting times.

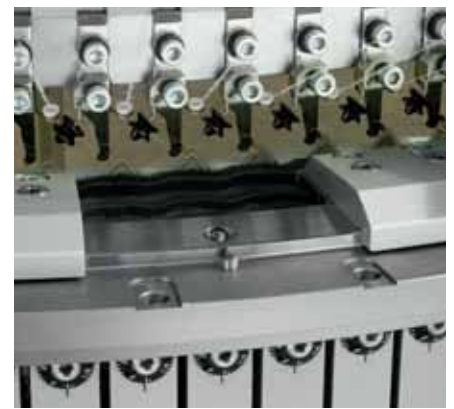
Defined product quality, right from the start!

The MV 4-3.2 II has a temperature control system from gauge E 44 which guarantees a constant operating temperature. Quality from the first to the last stitch!

Exclusively from Mayer & Cie. – cam elements made of Perunal.

Perunal is a high-tech material derived from the world of aerospace engineering. It is characterised by outstanding dimensional stability at different temperatures, so enhancing knitting quality and reducing wear. Further benefits: Perunal does not oxidise, is substantially harder than conventional materials and has better heat dissipating properties.

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 double-end knitting
	Yarn feeding <ul style="list-style-type: none"> MPF 20 2 rings, 2 double drives, 4 tapes CONI++ 02 as of gg 44 and thinner full ceramic yarn carrier (only between the knitting curve) 		Yarn feeding <ul style="list-style-type: none"> MPF 10, 1 unit/feeder (double-end/plating) triple plating (vers. A) triple plating (vers. B) for gg 26, 28, 32 MCTmatic components yarn carrier in front of the needles (reduced speed)
	Needles/Sinkers <ul style="list-style-type: none"> short needles for plain single jersey 1 type holding-down sinkers 		Needles/Sinkers <ul style="list-style-type: none"> 4 types of cylinder needles (central stitch length butt) 2 or 3 types of cylinder needles needles with large hook spoonless needles* steel/plastic composite needle
	Cam parts <ul style="list-style-type: none"> cam segments made of perunal cylinder cam box 1 A-cam/feeder cylinder individual segments channel cam parts sinker cam box segments in groups of 3 double sinker guidance 		Cam parts <ul style="list-style-type: none"> kit for 2 tracks, single+Lapiqué kit for 3 tracks, single+Lapiqué+3:1 fleece kit for 4 tracks, single+Lapiqué+3:1 fleece conversion system »Quick-Change« exchange cams for structures
	Frame <ul style="list-style-type: none"> portal frame for 520 mm fabric rolls sliding platform at 42" + 48" temperature regulator from gg 44 on 		Frame <ul style="list-style-type: none"> industrial frame for 920 mm fabric rolls giant frame f. 1250 mm fabric rolls (26-34"*) sliding platform open-width frames industrial open-width frame steps for the open-width frame
	Drive/Electric <ul style="list-style-type: none"> frequency controlled drive (AC) 400 V, 50/60 Hz; 4,0KW (26" – 28"); 5,5KW (30" – 34"), 7,5KW (42"), 11KW (48") 1 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 add. light assembled in the yarn feeding
	Take-down <ul style="list-style-type: none"> adjust. take-down with positive drive rubber covered rollers MCT trapezoid spreader 2-roller take down 		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 fabric cutting device 3 – roller take down EPA take-down system MFT-multi function take-down
	Control <ul style="list-style-type: none"> SENSOPress.oiler (oil: VG 22, VI110±20) 3-shift counter central controller for oiler, counter and peripheral accessories working hour counter station. 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 fluff sucking device
	Miscellaneous <ul style="list-style-type: none"> Intus for CONI++ 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 Intus for MER and positive feeding units MDA.web softw.f.mach.data acquisition measur.em.device of yarn length ratio of elastomeric yarn



Cylinder diameter	26" – 38", 42", 48"
Machine gauges	E 12 – E 32, E 36*, E 38* E 44*, E 50*, E 54*, E 60*
No. of feeders	3,2/inch (96 feeders at 30")
Speed up to	1,3 m/s (33 rpm at 30")
Minimum space requirement appr.	23 m ² – 45 m ²
Weight appr.	2000 kg – 4200 kg

* on request

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