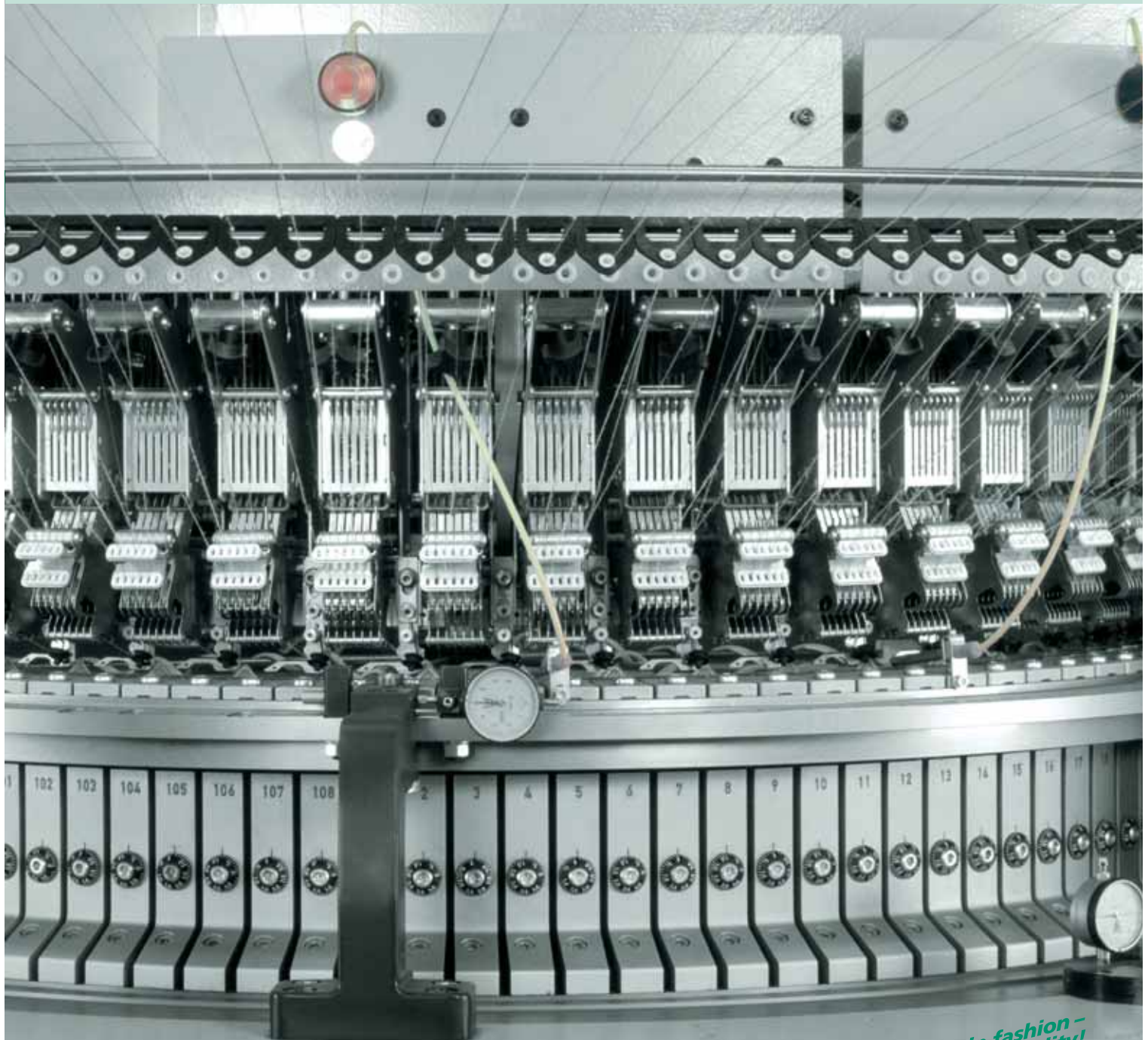


# S4-3.2 R

Fashionable stripes and high performance for basic fabrics with a single machine.



Created in Albstadt. Made in Germany!



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





# S4-3.2 R

The S4-3.2 R knits fashionable striped fabrics with 4 and 6 colours across 1.6 feeders/inch. It is also equipped with the well proven MCT striper technology. The clever mechanical operation sequence is absolutely reliable, with minimum maintenance requirements. Ideal conditions for modern striped fabrics in top quality and high productivity.

## Flexibility plus productivity.

What is new here, is a previously unheard flexibility: the striper non-knit feeders can simply be replaced with knitting feeders, immediately giving you 3.2 feeders/inch for basic single jersey fabrics. A machine for fashionable striped fabrics and for high performance single jersey output without stripes, in 2 or 4 needle structures and plated single jersey! Up to 4 needle types for each of 3 needle positions give you even greater room for manoeuvre.

## High-speed gauge change.

The fast gauge change which marks all S4 machines offers greater flexibility.















Particularly efficient: the striper units do not need to be removed any more.



<b>Cylinder-diameter</b>	26", 30", 34"
<b>Machine gauges</b>	E 18 – E 32, E 36*
<b>Number of feeders</b>	1.6 / 3,2/inch (48 / 96 feeders at 30")
<b>Speed up to</b>	0,9 / 1,4 m/sec. (22 / 35 rpm at 30")
<b>Minimum space requirement appr.</b>	19 m <sup>2</sup> – 25 m <sup>2</sup>
<b>Weight appr.</b>	1900 kg – 2500 kg

\*on request

# Specifications and facts:

STANDARD		OPTION	
	<b>Creel</b>		<b>Creel</b> <ul style="list-style-type: none"> <li>● VARI-striper creel with aluminum tubes without reserve</li> <li>● VARI-striper creel with alu-tubes with reserve</li> <li>● VARI-creel</li> </ul>
	<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>● 1 ring, 1 double drive, 2 tapes</li> <li>● yarn stop motion with cymbal brake and electrical knot catcher</li> <li>● intermediate stop motion</li> </ul>		<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>● 4 colour striper</li> <li>● 6 colour striper</li> <li>● striper feeding device (3 or 6 colours)</li> <li>● strip. feed.dev. w. pos. feed. wheel (6 col.)</li> <li>● strip. feed dev. w. pos. feed. wheel (3 col.)</li> <li>● CONI+ 02</li> <li>● elastomeric plating</li> <li>● yarn supply with yarn tension stop motion on top (working without tube)</li> <li>● 2 rings, 2 double drives, 4 tapes, prepared for 3 colours striping feeding device</li> </ul>
	<b>Needles/Sinkers</b> <ul style="list-style-type: none"> <li>● short needles for plain single jersey</li> <li>● 1 type terrace holding-down sinkers</li> </ul>		<b>Needles/Sinkers</b> <ul style="list-style-type: none"> <li>● 2 types of cylinder needles</li> <li>● 3 types of cylinder needles</li> <li>● 4 types of cylinder needles</li> <li>● needles with large hook</li> </ul>
	<b>Cam parts</b> <ul style="list-style-type: none"> <li>● cam segments made of perunal</li> <li>● 0,5 ZA and 0,5 ZC/feeder (ZC to cancel 0,5 feeder/inch)</li> <li>● cylinder individual segments</li> <li>● channel cam parts</li> <li>● separate sinker cam boxes</li> </ul>		<b>Cam parts</b> <ul style="list-style-type: none"> <li>● conversion kit to 3.2 knit.f./inch, also in combination with striping on 1.6 f./inch*</li> <li>● kit f. 2 tracks, single + structures</li> <li>● kit f. 3 tracks, single + Lapiqué + 3:1 fleece</li> <li>● kit f. 4 tracks, single + 3:1 fleece + structures</li> <li>● cam kit extension to 3.2 knitting feeders</li> <li>● conversion system »Quick-Change«</li> <li>● exchange cams for structures</li> <li>● insertion and positioning gg for cyl.cam box</li> </ul>
	<b>Frame</b> <ul style="list-style-type: none"> <li>● portal frame for 480 mm fabric rolls</li> </ul>		<b>Frame</b> <ul style="list-style-type: none"> <li>● spinning detector</li> <li>● open-width frames</li> </ul>
	<b>Drive/Electric</b> <ul style="list-style-type: none"> <li>● frequency controlled drive (AC)</li> <li>● 380- 415 V, 50/60 Hz; 5,5 KW (30"-38")</li> <li>● 1 KW peripheral units</li> <li>● central processor unit with display</li> <li>● control voltage 24 V</li> </ul>		<b>Drive/Electric</b> <ul style="list-style-type: none"> <li>● power transformer</li> <li>● needle detectors</li> <li>● hole detector</li> </ul>
	<b>Take-down</b> <ul style="list-style-type: none"> <li>● take down (deflection winder), adjustment rings only one side</li> <li>● MCT trapezoid spreader</li> </ul>		<b>Take-down</b> <ul style="list-style-type: none"> <li>● fabric work box</li> <li>● MCT trapezoid spreader with rolls for elastomeric and sensitive yarns</li> <li>● fabric cutting device with ceramic knife</li> <li>● take down roller with adjustment rings on both sides</li> <li>● folding device</li> </ul>
	<b>Control</b> <ul style="list-style-type: none"> <li>● 3-shift counter</li> <li>● working hour counter</li> <li>● fabric roll size counter</li> <li>● stationary and rotating lintblower (air: min. 6 bar, 250 l/min.)</li> <li>● Uniwave oiler</li> </ul>		<b>Control</b> <ul style="list-style-type: none"> <li>● 4/5-shift-counter</li> <li>● VG 3</li> <li>● VG 2</li> </ul>
	<b>Miscellaneous</b>		<b>Miscellaneous</b> <ul style="list-style-type: none"> <li>● Interface for MDA</li> <li>● MDA.web software for machine data acquisition</li> <li>● gauge/magnet fixing</li> <li>● Intus for MER and positive feeding units</li> <li>● Argus</li> <li>● rapport and striper-software</li> <li>● PIC 4-software</li> </ul>

\*on request

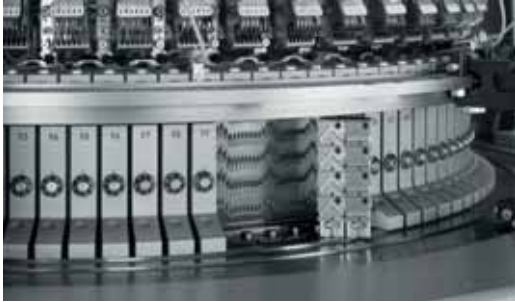
Subject to design changes in the interest of technical progress. Illustrations may depict accessories which are not included in the standard machine equipment.



# S4-3.2 R – high quality – attractive price!

## Simple to operate, easy to maintain.

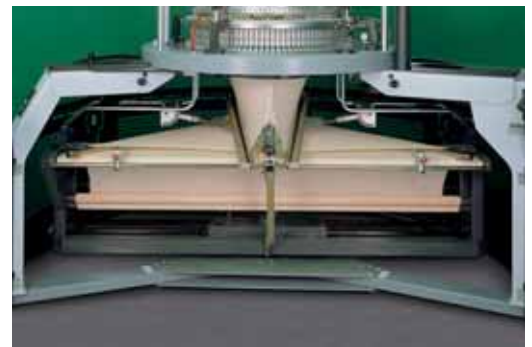
The S4-3.2 R is designed through and through for productivity. The required needles and sinkers are standard knitting elements used the world over. The sinker cams are designed as single elements. One cam segment per feeder helps simplify the exchange of sinkers.



## Choice of open width frames.

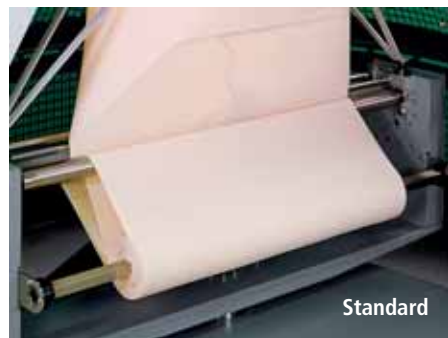
For crease-free production, especially with modern synthetic yarns, Mayer & Cie. offers special open width frames for the S4 machines. With the „Made in Germany“ version, the fabric width can be adjusted individually on a scale, and previous orders can be reproduced at any time.

The Asian version without the adjustable triangle has successfully been tested in practice. Both open width frames can be converted to tubular deflection winding.



## Fabric takedown as deflection winder or folding device.

The fabric takedown, featuring a deflection winder mechanism and MCT trapezoidal spreader, is designed for fabric bales of up to 480 mm in diameter. A folding device is offered as an optional extra.



Standard



Option



## »Quick-Change« for fast, simple gauge conversion.

S4-3.2 R is equipped with a new version of the »Quick-Change« gauge conversion.

This facilitates a gauge conversion considerably and thus leads to shorter down times. A support frame for »Quick-Change« is no longer required.



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