

S4-3.2

Everything for single jersey, 2 or 4 needle structures and single jersey plated.



Created in Albstadt. Made in Germany!



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



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The S4-3.2 has everything it takes to produce top quality knit fabric in single jersey, in 2 and 4 needle structures and in plated single jersey. It not only covers all the currently popular weight ranges in the clothing sector, but its application range can also be further extended by resetting for three-thread fleece production. Its versatility includes a high output of 35 rpm with a 30" diameter.















Flexibility plus productivity.

Single jersey quality – with and without plating – with a high output from 3.2 feeders/inch guarantees exceptional productivity. Up to 4 needle types for 3 needle positions each extend the range of possible constructions. And scope for resetting to three-thread fleece production adds another dimension to the flexibility of the S4-3.2. The weight settings are performed using the central height adjustment facility and precision adjustment by means of vertical stitch forming. The fabric takedown, featuring a deflection winder mechanism and MCT trapezoidal spreader, is designed for fabric rolls of up to 480 mm in diameter. The machine is also offered with plaiting device and an open width device as option.

Cylinder-diameter	26" – 38"
Machine gauges	E 18 – E 32, E 36
Number of feeders	3,2/inch (96 feeders at 30")
Speed up to	1,4 m/sec. (35 rpm at 30")
Minimum space requirement appr.	19 m ² – 25 m ²
Weight appr.	1900 kg – 2500 kg



Specifications and facts:

STANDARD		OPTION	
	Creel		Creel <ul style="list-style-type: none"> ● VARI-creel ● VARI-creel with aluminium tubes
	Yarn feeding <ul style="list-style-type: none"> ● 2 rings, 1 drive ● triple plating ceramic yarn guide between the needle curve 		Yarn feeding <ul style="list-style-type: none"> ● CONI+ 01 ● CONI+ 02 ● MPF 10 ● MPF 20 ● addit. drive with 2 quality wheels ● elastomeric plating ● elastomeric plating for USF4 3.2* ● elastomeric plating for USP2 1.6*
	Needles/Sinkers <ul style="list-style-type: none"> ● short needles for plain single jersey ● 1 type terrace holding-down sinkers 		Needles/Sinkers <ul style="list-style-type: none"> ● 2 types of cylinder needles ● 3 types of cylinder needles (3:1) ● 4 types of cylinder needles ● needle with large hook for gg 20-28
	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 ● separate sinker cam boxes ● direction of rotation clockwise 		Cam parts <ul style="list-style-type: none"> ● kit f. 2 tracks, single + structures ● kit f. 3 tracks, single + 3:1 fleece + structures ● kit f. 4 tracks, single + 3:1 fleece + structures ● kit for triple plating ● conversion system »Quick-Change« (USF 3.2 up to 36") ● (USP2 1.6 up to 34")* ● exchange cams for structures ● insertion and positioning gauge for cylinder cam box ● direction of rotation anti clockwise
	Frame <ul style="list-style-type: none"> ● portal frame for 480 mm fabric rolls 		Frame <ul style="list-style-type: none"> ● spinning detector ● open-width frames
	Drive/Electric <ul style="list-style-type: none"> ● frequency controlled drive (AC) ● 380 up to 415 V, 50/60 Hz; 5,5 KW (30" – 38") ● 1 KW peripheral units ● central processor unit with display ● control voltage 24 V 		Drive/Electric <ul style="list-style-type: none"> ● power transformer ● additional light assembled in the yarn feeding ● needle detectors
	Take-down <ul style="list-style-type: none"> ● take down (deflection winder), adjustment rings only one side ● MCT trapezoid spreader 		Take-down <ul style="list-style-type: none"> ● fabric work box ● MCT trapezoid spreader with rolls for elastomeric and sensitive yarns ● fabric cutting device w. ceramic knife ● take down roller with adjustment rings on both sides ● folding device
	Control <ul style="list-style-type: none"> ● 3-shift counter ● working hour counter ● fabric roll size counter ● stationary and rotating lintblower (air: min. 6 bar, 250 l/min.) ● Uniwave oiler 		Control <ul style="list-style-type: none"> ● 4/5-shift-counter ● VG 3 ● VG 2 ● VK2
	Miscellaneous		Miscellaneous <ul style="list-style-type: none"> ● Interface for MDA ● gauge/magnet fixing ● Intus for MER and positive feeding units ● Argus ● MDA.web Software f. machine data acquisition

*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 – high quality – attractive price!

Simple to operate, easy to maintain.

The S4-3.2 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.

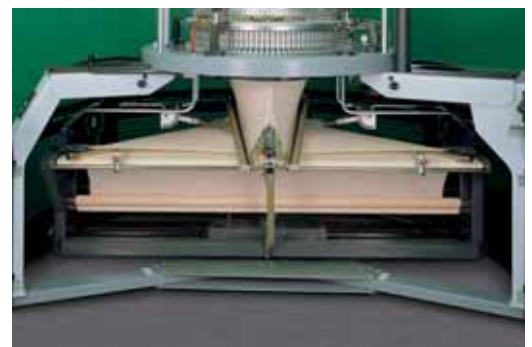


Triple ceramic yarn feeders come as standard

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 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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