

D4-3.2

Interlock and all double jersey structures in top quality.



Created in Albstadt. Made in Germany!



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



D4-3.2

With D4 machines, Mayer & Cie. is opening up scope for extreme knitting productivity. Featuring a new production concept, a high degree of standardization and material optimization, D4 machines are capable of achieving substantial savings.

Higher performance with higher number of feeders.

Higher performance and improved quality give you a competitive edge! The D4-3.2 is ideal for producing high volumes of all patterned knits and Interlock: double face, Punto di Roma, Milano Rib and many other structures.

The standard machine is equipped with 2 types of needles and 2 needle tracks. However, it is designed to take 2 needle tracks in dial and up to 4 needle tracks in cylinder. Flexibility can be increased significantly with extension up to 4 needle tracks.

Just knit what the market demands!

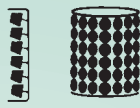











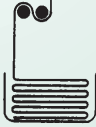

The high feeder number of 3.2 feeders per inch and a speed of 1.4 m/s (which is 35 rpm with 30") bring you extremely profitable performance.



Cylinder-diameter	30"* , 32"* , 34" , 36"* , 38"*
Machine gauges	E18 - E24, E26* , E28, E32
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.	2100 kg – 2800 kg

*on request

Specifications and facts:

	STANDARD		OPTION
	Creel		Creel <ul style="list-style-type: none"> ● VARI-creel ● VARI-creel with aluminium tubes ● VARI-circular creel with aluminium tubes
	Yarn feeding <ul style="list-style-type: none"> ● 2 rings, 2 single drives, 4 tapes ● full ceramic yarn carrier 		Yarn feeding <ul style="list-style-type: none"> ● CONI+ 02 ● MPF 20 ● elastomeric plating in dial needle ● elastomeric plating on cylinder needle
	Needles/Sinkers <ul style="list-style-type: none"> ● 2 types of cylinder needles ● 2 types of dial needles ● 3 mm delayed timing 		Needles/Sinkers <ul style="list-style-type: none"> ● 4 types of cylinder needles
	Cam parts <ul style="list-style-type: none"> ● cam segments made of perunal ● for Interlock only (delayed timing) cams each 0,5 A1, A2, C1, C2 - each 1 ZA, ZC per feeder ● central stitch length adjustment ● channel cam parts ● individual segments 		Cam parts <ul style="list-style-type: none"> ● gauge conversion »Quick-Change« ● support ZD (1/2 feeder recommend.) ● exchange cams for: <ul style="list-style-type: none"> - synchronized timing (for loose and cross tubular knit fabric) - Interlock structures - 2nd stich range
	Frame <ul style="list-style-type: none"> ● portal frame for 480 mm fabric rolls ● »QC«facility for easy gauge conversion 		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; ● 30-34" 4 KW, 36-38" 5,5 KW ● 1 KW peripheral units ● central processor unit with display ● control voltage 24 V ● needle detectors 		Drive/Electric <ul style="list-style-type: none"> ● power transformer
	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 with 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 ● flutter blower ● VG 3 ● VG 2
	Miscellaneous		Miscellaneous <ul style="list-style-type: none"> ● Interface for MDA ● gauge/magnet fixing ● Intus for MER and positiv feeding units ● Argus ● MDA.web software for 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.

D4-3.2 – high quality – attractive price!

Ceramic yarn guides are fitted as standard.

All D4 machines are fitted with high-accuracy ceramic thread guides as standard. This reduces wear, particularly when modern, aggressive yarns are used, and keeps costs to a minimum.



Choice of open width frames.

For crease-free production, especially with modern synthetic yarns, Mayer & Cie. offers special open width frames for the D4 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.

The D4-3.2 is equipped with a new version of the »Quick-Change« gauge conversion. New is that here the dial can be centred from above. 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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