

# D4-2.2

NEW NEW NEW NEW NEW NEW  
- Machine Type D4-2.2 II with QCe Quick  
Change easy (Mayer & Cie. Patent)  
- Now available as well with 4.4 feeders  
for double productivity  
NEW NEW NEW NEW NEW NEW

Interlock, rib and all popular double jersey structures through to 4 needle tracks.



Created in Albstadt. Made in Germany!



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





# D4-2.2

The D4-2.2 has everything it takes for optimum knitting quality, also in conjunction with elastomer plating. Scope for extension to up to 4 needle tracks lends it an outstanding degree of flexibility.

## Flexibility plus high performance.

With all the possibilities opened up by 4 needle tracks in cylinder and 2 needle tracks in dial, the D4-2.2 is capable of knitting the whole range of popular double jersey interlock and rib structures. The cylinder and dial cam can be quickly and reliably removed and mounted with "Quick-Change". The machine's impressive output is generated by 2.2 feeders per inch (66 feeders at 30") and a speed of 1.49 m/s (37 rpm with 30").

## Operating simplicity, trouble-free maintenance.







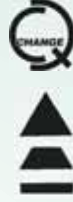







The D4-2.2 is designed with productivity and extreme operating convenience in mind. When resetting to different knitting constructions, complete segments can be exchanged, partially eliminating the need for cam changeover and cutting down on resetting times. The D4-2.2 can be equipped as standard with 2 needle tracks and 4 needle types. The needles are standard knitting components which can be universally used around the world.

<b>Cylinder-diameter</b>	26" , 28"* , 30" – 38"
<b>Machine gauges</b>	E 14 – E 32
<b>Number of feeders</b>	2,2/inch (66 feeders at 30")
<b>Speed up to</b>	1,49 m/sec. (37 rpm at 30")
<b>Minimum space requirement appr.</b>	19 m <sup>2</sup> – 25 m <sup>2</sup>
<b>Weight appr.</b>	2100 kg – 2800 kg

\*on request



# Specifications and facts:

STANDARD		OPTION	
	<b>Creel</b>		<b>Creel</b> <ul style="list-style-type: none"> <li>● VARI-creel</li> <li>● VARI-creel with aluminium tubes</li> <li>● double-end knitting*</li> </ul>
	<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>● 1 ring, 2 drives</li> <li>● full ceramic yarn carrier, 3 holes</li> </ul>	 	<b>Yarn feeding</b> <ul style="list-style-type: none"> <li>● 2 rings, 2 drives</li> <li>● MPF 20</li> <li>● MPF 30</li> <li>● double-end knitting for 2 belt units*</li> <li>● double-end knitting for 3 belt units*</li> <li>● elastomeric plating in dial needle</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>● 4,5 mm delayed timing</li> </ul>		<b>Needles/Sinkers</b> <ul style="list-style-type: none"> <li>● 4 types of cylinder needles</li> <li>● 1 type of cylinder needles</li> <li>● 1 type of dial needles</li> </ul>
	<b>Cam parts</b> <ul style="list-style-type: none"> <li>● cam segments made of perunal</li> <li>● channel cam parts</li> </ul>		<b>Cam parts</b> <ul style="list-style-type: none"> <li>● gauge conversion »Quick-Change«</li> <li>● exchange cams for structures</li> <li>● exchange cams for support</li> <li>● exchange cams for rib structures</li> <li>● insertion and positioning gauges</li> </ul>
	<b>Frame</b> <ul style="list-style-type: none"> <li>● portal frame for 480 mm fabric rolls</li> <li>● »Quick-Change« facility for easy gauge conversion</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 up to 415 V, 50/60 Hz;</li> <li>● 30-34" 4 KW; 36-38" 5,5 KW</li> <li>● 1 KW peripheral units</li> <li>● central processor unit with display</li> <li>● control voltage 24 V</li> <li>● needle detectors</li> </ul>		<b>Drive/Electric</b> <ul style="list-style-type: none"> <li>● 200-260 volt</li> <li>● 440-600 volt</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> <li>● flutter blower</li> </ul>
	<b>Miscellaneous</b>		<b>Miscellaneous</b> <ul style="list-style-type: none"> <li>● Interface for MDA</li> <li>● gauge/magnet fixing</li> <li>● Intus for MER and positive feeding units</li> <li>● Argus</li> <li>● MDA.web software for machine data acquisition</li> </ul>

\*on request

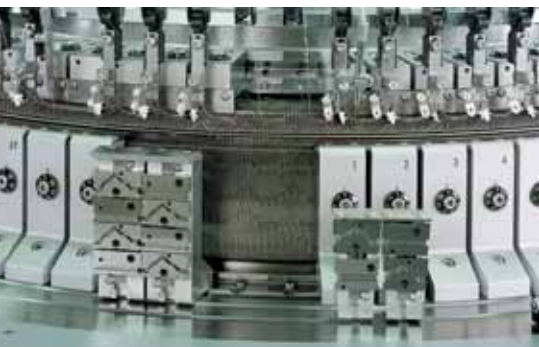
Subject to design changes in the interest of technical progress. Illustrations may depict accessories which are not included in the standard machine equipment.



# D4-2.2 – high quality – attractive price!

## High productivity and flexibility.

With its 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.

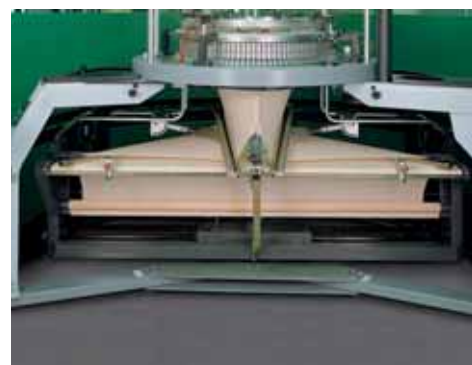


Triple ceramic yarn feeders come as standard

## Choice of open width frames.

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



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

The D4-2.2 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.



Option



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