

An expert in rib, 8-lock and
interlock structures

D4-2.2 II

our performance for your profit



- ✓ Highest production of rib
Full range of 8-lock fabrics
- ✓ Conversion kits for rib,
interlock, 8-lock, spacer,
fine gauge
- ✓ Quick Change easy - QCe
patent of Mayer & Cie.
- ✓ Central stitch adjustment

An uncomplicated all-rounder

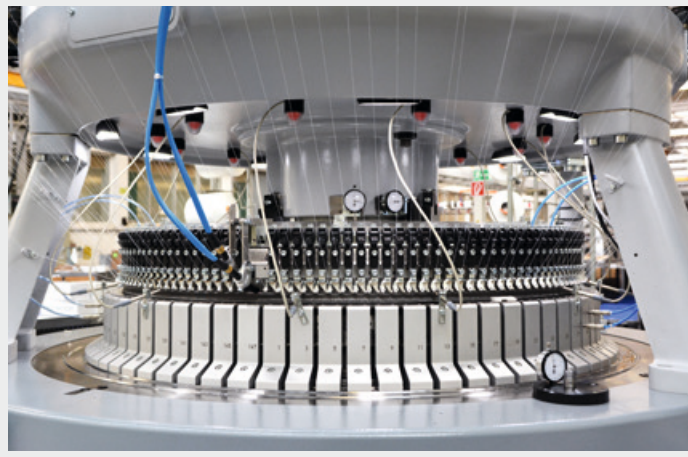


Machine head of D4-2.2 II

Full bandwidth of rib structures on 2.2 feeders

The D4 2.2 II has 2.2 feeders per inch and achieves a very high level of productivity for fine rib and many other 8-lock fabrics such as Milano rib, thermal, double face or spacer.

Fine knitwear of up to gg40 is another of the machine's specialities. Equipped with a wear-free 3-hole ceramic yarn guide, the D4 2.2 II is a model of flexibility, due in part to the elastomer plating capability that is a basic function of the D4 2.2 II.



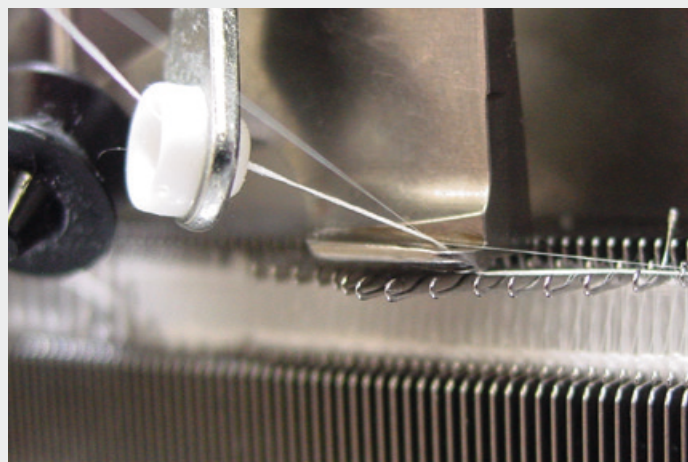
Machine head of D4-2.2 II HPI Version

From a rib specialist to interlock mass production

In the HPI version the D4-2.2 II is a mass producer of plain interlock fabrics. This version comes with 4.4 feeders per inch.

At 30 inches that is 132 feeders at an impressive 34 rpm – a level of productivity unequalled anywhere in the world.

The D4 2.2 HPI processes both filament and fibre yarns in interlock production. The central stitch adjustment makes it child's play to use.



Spacer adjustment

Spacer fabric with a wide range of choices

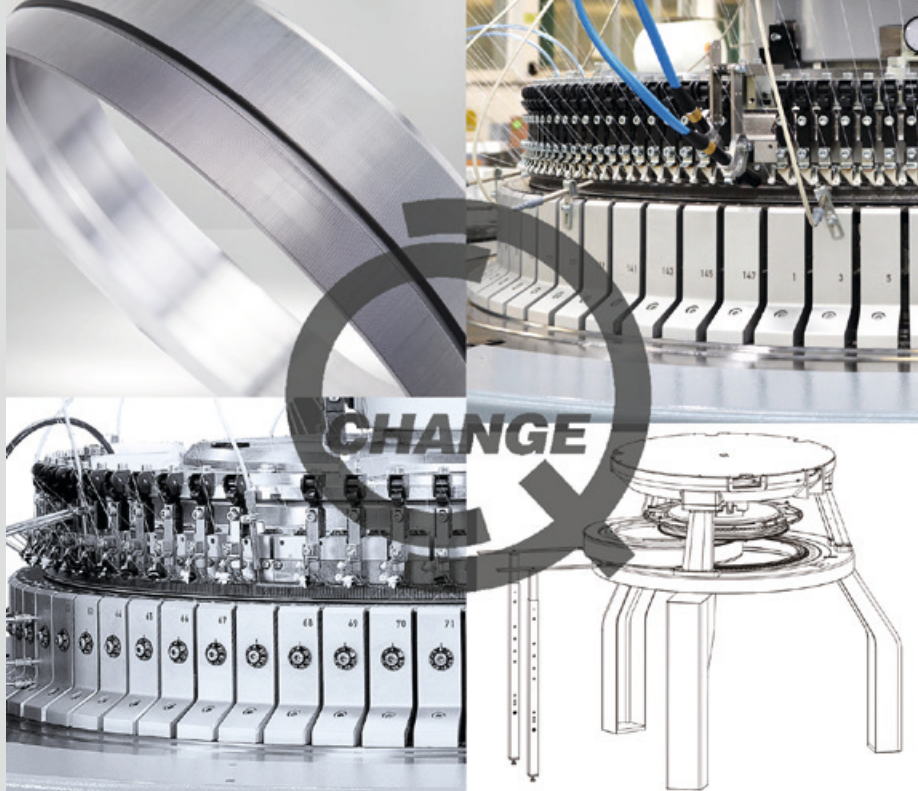
With the D4 2.2 II, spacer fabric can be knitted with the finest gauges. The knitter can work with all of the needles or with a 1:1 selection of needles.

The D4 2.2 II comes with an optimised yarn supply that prevents fluctuations in tension during delivery. Elastomer plating can be undertaken both in the cylinder and in the dial tube.

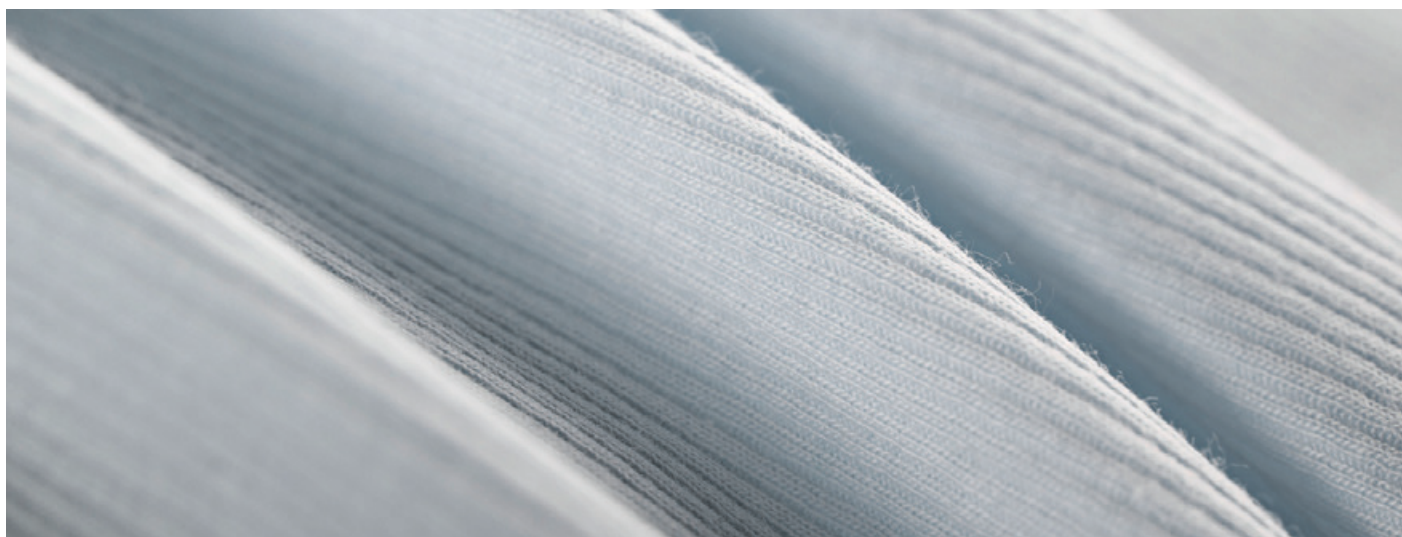
Conversion kit makes it an HPI machine, making 4.4 feeders out of 2.2.

The D4 2.2 II is a veritable quick-change artist.

A conversion kit enables it to change from 2.2 to 4.4 feeders per inch, thereby converting the production of rib, spacer, fine gauge and many other 8-lock fabrics to plain interlock for filament and fibre yarns.



A double jersey all-rounder is always welcome



Application

The uses to which the machine can be put are as varied and flexible as the machine itself.

The D4 2.2 II is used in the manufacture of underwear, sports- and leisurewear.

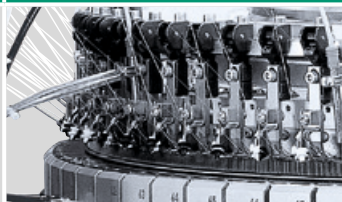



It is also used in the production of furnishing material, brassiere cups, in the footwear industry and in the production of carrier material for coating materials.





Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
2.2 feeders per inch (66 feeders at 30")	Highest production of rib Full range of 8-lock fabrics	Flexibility of fabric styles = highest utilisation of your investment	
Conversion kit into 4.4 feeders per inch	Highest production of plain Interlock	Fast return on investment	
Quick Change easy - QCe patent of Mayer & Cie.	Fast cylinder and dial exchange within less than 5 hours by one person	Less downtime = higher utilisation	
Central stitch adjustment	Fast and uniform stitch formation	Highest fabric quality Less downtime	

Technical data

Cylinder diameter:	26 - 38
Machine gauges:	14 - 32
No. of feeders:	66 feeders at 30"
Speed up to:	1.5 m/s (38 rpm at 30") SF 1110

Production example (unfinished)

Diameter	rpm	Production m/h	Production kg/h
30	33	97.92	36.94
Structure: Rib 1:1	Efficiency rate: 85.00%	Gauge: 14	Weight: 205 g/m ²
30	34	88.03	17.21
Structure: Interlock HPI	Efficiency rate: 85.00%	Gauge: 24	Weight: 113 g/m ²

S4-3.2 II

our performance for your profit



Application:

The S4 3.2 II knits single jersey structures such as piqué and double piqué with up to 4 needle tracks. Its repertoire also includes 2-end fleece, plain single jersey and fine gauges of up to E44.

The S4 3.2 II works with needles and sinkers of various manufacturers worldwide. That makes it affordable and reduces running costs.

Thanks to a special yarn guide the single jersey machine can provide triple plating for every feeder. 3-end fleece is a further option because the machine can be quickly converted to the 3-thread fleece fabric structure.

It is thereby suitable for the production of sports-, leisure, under-, night- and underwear as well as home textiles.

A perfect loop structure ensures outstanding fabric quality – and the S4 3.2 II sets standards from China and India to South America.

- ✓ **high plating reliability**
- ✓ **low operating costs**
- ✓ **Quick Change easy -
Qce patent of Mayer & Cie.**
- ✓ **ultra high flexibility**
- ✓ **high level of productivity**



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The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
Conversion-kit for 3-thread fleece	The right machine for every season	Fast return on investment Fewer machines needed for the same production	
Use of the world's most widely used needles and sinkers	Reliable availability all around the world Lowest purchase price due to fierce competition between manufacturers	Lower storage costs Lower production costs = higher profit	
Ceramic yarn carriers for triple plating	Maximum flexibility, especially in the production of elastomer plated single fabrics Reduces wear and tear	Highest utilization of your investment Minimum spare parts costs in the future	
Central and individual stitch length adjustment	Fast adjustment of fabric weight/fabric style	Less down time Reliable fabric quality	

Technical data

Cylinder diameter:	15 - 38
Machine gauges:	16 - 44
No. of feeders:	96 feeders at 30"
Speed up to:	1.56 m/s (39 rpm at 30") SF 1170

Production example (unfinished)

Diameter	R.P.M.	Production m/h	Production kg/h
30	39	224.64	49.42
Structure: Single Jersey		Efficiency rate: 85.00 %	Gauge: 24 Weight: 90 g/m ²
30	35	94.15	24.90
Structure: Lapique		Efficiency rate: 85.00 %	Gauge: 28 Weight: 115 g/m ²



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