STOLL
THE RIGHT WAY TO KNIT

FLEXIBLE
PRODUCTIVE
ERGONOMIC
RELIABLE



THE NEW CMS GENERATION

PERFECTION IN EVERY DETAIL

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WHAT IS DECISIVE ARE THE ENHANCEMENTS INCORPORATED, NOT HOW MANY.



>> **High productivity, economy and reliability**
>> **Optimum handling and easiest operation**
>> **High flexibility and perfect results**

High productivity, economy and reliability
A particularly rapid carriage return, we call it Power-RCR, makes your knitting process a whole lot faster. Added to this is the sophisticated, reliable CMS technology. That means with Stoll your work is always highly productive and economical.

Optimum handling and easiest operation
Simple operation is the most important thing when you want to work productively. That's why we've made the new CMS generation lower in height. However, other details which are not immediately visible also optimize the handling of the new CMS machines.

High flexibility and perfect results
Whether it's a matter of knitting different gauges with Stoll-flexible gauge®, simple gauge conversion or intarsia – with a CMS you can knit almost anything. And that enables you to react quickly and flexibly. Optimum yarn feed, supported by new technical features, ensures a high level of operating safety and outstanding knitting quality.

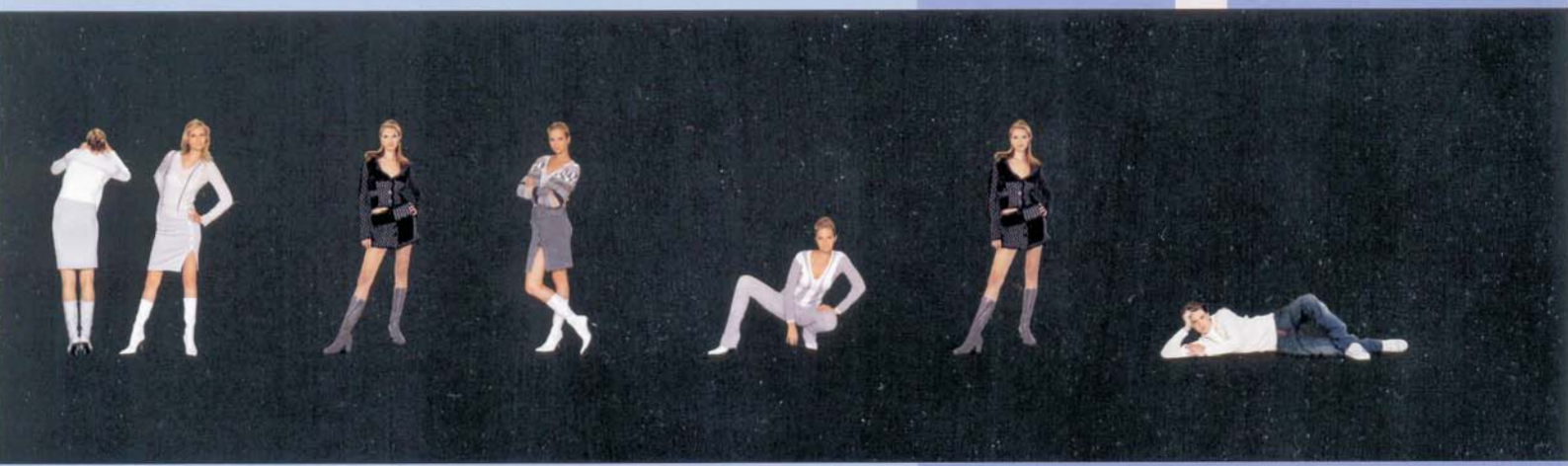

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SPEED HAS ALWAYS FASCINATED MANKIND. THAT'S WHY WE ACCELERATE YOUR SUCCESS.



Higher productivity is achieved at higher speeds. We achieve those speeds with Power-RCR. This means nothing less than a faster carriage return and provides you with advantages especially for the fabrics requiring a great deal of short strokes: for example, during binding-off, with narrow fabrics like sleeveless pullovers or tops, with applications like pockets and button panels, or with narrowed sections, especially with shapes like raglans, saddle shoulders and French seam shoulders.

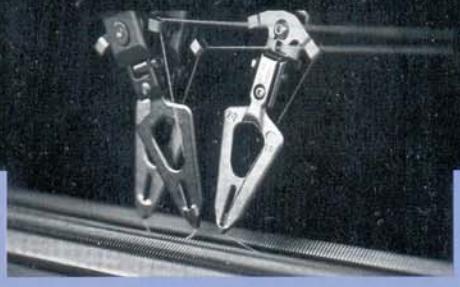
You can also rely on a high level of dependability and value retention with Stoll products. Each individual part on a Stoll machine is oriented towards achieving a long life and top quality. This begins with the maintenance and wear free electronic selection system, and continues all the way up to the specially designed CMS needle.



Trends change at breakneck speed, and then it's important that you can react just as quickly. Regardless of whether it's a matter of new materials, complex shapes or changing gauges – with a CMS machine you're perfectly prepared. Without complicated and time-consuming modifications, you can quickly and flexibly adapt your CMS to all knitting trends, making optimum use of your machine pool.



Gauge conversion
Thanks to the possibility of rapid gauge conversion, CMS machines can be flexibly and economically adjusted to the latest fashion trends.



Intarsia yarn feeder
By simply sliding on the intarsia yarn feeders, any CMS machine becomes a perfect intarsia machine in no time.

KNIT





Yarn control units

Easy yarn insertion and setting of required parameters through improved design and operation. Separate knot detectors for small and large knots.



Display slide with Stoll-touchcontrol®

The display slide enables you to enter machine commands while maintaining eye contact with the fabric. Stoll-touchcontrol® enables pattern changes conveniently on the machine via easy to use menus.



WE JUST NEED A FEW INCHES SO THAT YOU CAN MAKE GREAT PROGRESS.

An ergonomic workplace is the basic condition for the high performance of your employees. Yet simple and above all practice-oriented machine operation is just as important. We've been in business long enough to know the requirements of knitters for their machines. And that's exactly why we have made our machines lower – in order to make important machine elements easier to reach for everyone.

Your work is now even simpler, because we've added further practical details to the proven Stoll technology: for example, new yarn control units with improved operation and the entire active thread clamp unit, slack tensioner and permanent thread brake ensure constant thread tensions and a perfectly uniform stitch appearance. All important components are also easily accessible – without sacrificing safety. The two USB ports and the networking capability via Ethernet make it easier for you to communicate with your CMS. The new color display provides for excellent legibility with a high resolution, even under unfavorable lighting conditions, and in the menu guidance system important points can also be highlighted in color. Especially compact: we've considerably reduced the width of our 50" machines.



USB ports
Thanks to the easy-to-reach USB ports, you can quickly and easily transfer important data to your CMS.



Yarn feed
The active yarn clamp unit, slack tensioner and permanent thread brake ensures an optimum interaction of yarn and needle – even at maximum loads.

YOU DETERMINE WHAT COMES OUT BELOW. WE TAKE CARE OF HOW.

A CMS is primarily characterized by one thing: It is extraordinarily flexible. With our Multi Gauge machines you can realize various gauges with one and the same machine thanks to Stoll-multi gauges® or Stoll-flexible gauge®. We also offer a broad range of Knit & Wear machines for the production of Stoll-knit and wear® articles from ultra-coarse to fine, including a new machine developed specifically for Knit & Wear garments.

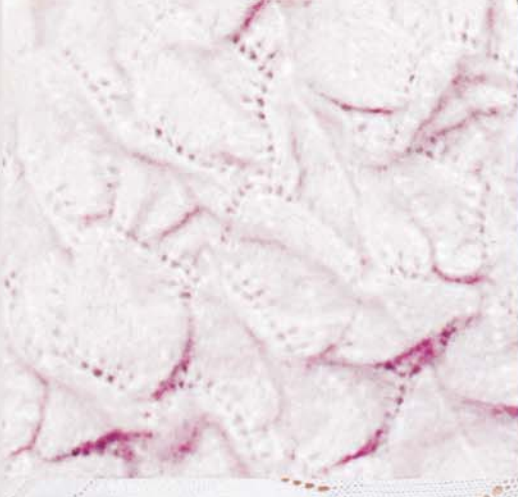
The wide variety of accessories, such as holders for elastic yarns, intarsia and plating yarn feeders or additional cams which can be exchanged simply and quickly for new cam combination possibilities, make it easy to realize special pattern effects.

But the most important thing about a knitting machine is the results, and they are flawless with a CMS. For example, the CMS needle, the holding-down jacks and the stitch lenght control with Flexible Stitch and PTS (Power Tension Setting) ensure an optimum fabric appearance.

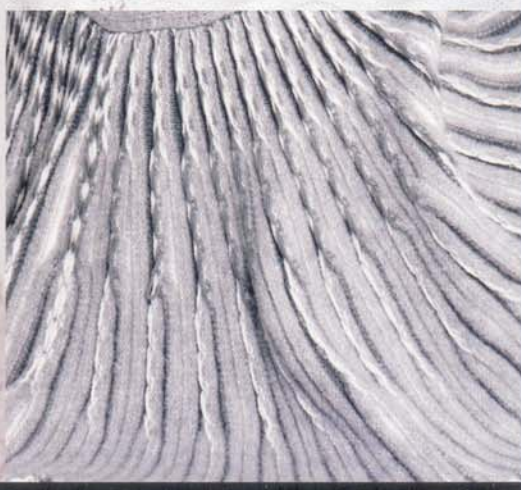


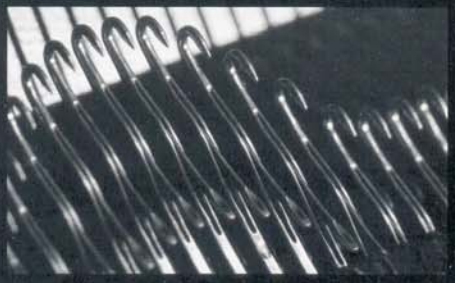
The most attractive collections and the most creative ideas are worthless if in reality they cannot be perfectly implemented. Every detail must be just right, and that's why with a CMS machine you can depend on the fact that even with the most demanding pattern, the stitch appearance exactly meets up to your expectations – and those of your customers.











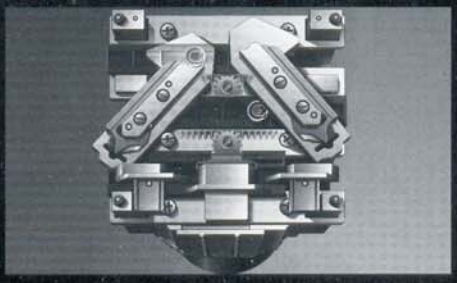
CMS needle

The CMS needle is characterized by low needle consumption and a high level of safety during opening, closing, and transferring.



Moveable holding-down jacks

High-quality stitch appearances provided by the proven Stoll holding-down technology.



Stitch length control with Flexible Stitch and PTS

Several tensions in one stitch row, quickly adjustable with PTS (Power Tension Setting).



Basic and advanced training

Every year over 2,000 knitting technicians and pattern programmers attend our training programs around the world.



Pattern database

The pattern database service is unique the world over. Many pattern programs are available there and can be downloaded online by Stoll customers at any time.



SURE, WE COULD HAVE BEEN SATISFIED WITH BUILDING MACHINES. BUT THEN WHAT ABOUT PEOPLE?

We see ourselves as system suppliers and that's the reason we offer you for example not only special software for pattern programming or machine pool control, but also everything else for the flat knitting machine – that's Stoll-Plus.

This also includes the wide area of Fashion & Technology, your contact point for machine applications and fashion: Several times a year we design our own pattern collection, which we show at international trade fairs and offer in a printed version as the "Stoll-Trend Collection" or digitally in our unique pattern database. Another major topic is the worldwide basic and advanced training of technicians. Our international Helpline also supports you when you have problems or questions. Or you can obtain information through the Internet via our Customer Net – exclusively for Stoll customers. And our spare parts service provides you with a fast, long-term supply of genuine parts. In addition, we have the world's largest Stoll used machine marketplace. Your advantage: we give a 12-month warranty on all reconditioned CMS machines. Another important advantage: With Stoll Financial Services you can finance your knitting machines with market-oriented leasing offers.



Customer Net

The Customer Net is exclusively for Stoll customers. There you can, for example, register for training courses, download new modules or current operating systems and obtain practical tips.



Made in Germany

Stoll has been producing at its headquarters in Reutlingen for over 130 years. An uncompromising decision for quality "Made in Germany".

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