



PRODUCTS



SUSTAINABILITY

Responsibility for our world



With a clear focus on innovation and ecological responsibility, MEMMINGER-IRO has developed pioneering technologies and solutions to reduce the ecological footprint and increase sustainability in the industry. Our process technologies for yarn feeding, control and lubrication systems are energy efficient and highly rationalised, which gives our customers a clear competitive advantage.



Circular Knitting



Flat Knitting Machines



Hosiery Machines



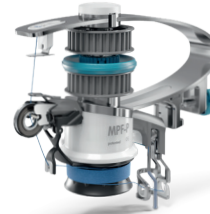
Seamless Machines



Warp Knitting

MPF P

Positive feeder



- Self-cleaning vibration tension, prevents false stoppages.
- Interchangeable feed wheel. Fully enclosed feed wheel as standard. Separation and pin feed wheel also available as optionals. We recommend the separation feed wheel for working with single-filament or fine gauge yarn.
- Support arm as an integrated part of the MPF ensures shorter downtime when the drive belt breaks
- Contactless stop motion system.



MPF L

Positive feeder

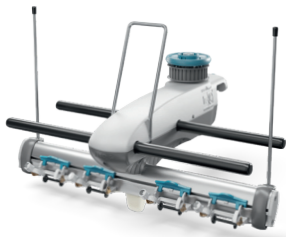


- The self-cleaning vibrating yarn tensioner prevents false stoppages and thus increases production rates
- Low-wear, corrosion proof, closed winding reel
- Very low yarn tension possible



MER 4

Elastane Roller

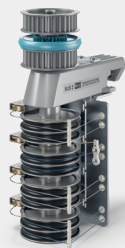


- Available with sensor unit Standard (S), Roller (R) and Performance (P)
- Completely newly developed sensor unit system Performance (P) which ensure working with lowest yarn tension also at highest machine speeds. This is characterised in particular by improved sliding and gliding properties of the yarn deflection bolt and the more compact design which is less susceptible to contamination.



MJS 2

Striper Feeder



- Improved knitted structure
- Constant pattern repeat lengths
- Secure yarn uptake on friction bands
- Increased machine efficiency
- Optional positive yarn wheel for use as positive yarn feed



ELAN 30

Elastane yarn feeder

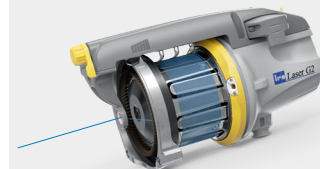


- Constant yarn speed even with different bobbin diameters.
- Elastane feed at very low yarn tensions right down to 0.1 cN.
- Positive yarn feed means no plating faults.



LASER G2

Storage feeder



- Mechanical sensor system
- Improved speed regulation
- Permanent magnet motor with low energy consumption
- Quick release
- Perfect operation with brush and E-flex



KNITSTORE K52 ATC

Storage feeder



- High fabric quality, yarn tension differences between the yarn bobbins are eliminated
- Compensation of yarn tension peaks
- No checking of yarn tension during the knitting process
- Set up of yarn tension for each feeder or in groups centrally via GTN



KNITSTORE K52

Storage feeder



- Adjustable direction of rotation of the winding (processing of S- Z- twisted yarn)
- Maintenance-friendly cleaning function of the winding disc
- Display of the cause of the feeder shutdown in the GTN operating terminal
- Integrated yarn consumption measurement via GTN operating terminal
- Automatic determination of the quickest possible stopping time via the „Fast stop“ function



SFE 2

Storage feeder



- Adjustable direction of rotation of the winding disc (processing of S- and Z-twisted yarn)
- Monitoring of the yarn quantity by optical-mechanical sensor technology
- Stepless adjustable yarn output tension by means of the latest spiral brake technology

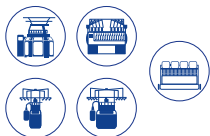


MSF 3

Storage feeder

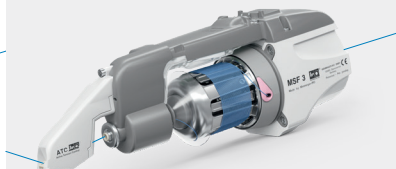


- Patented, adjustable magnetic tensioner at the outlet guarantees constant yarn tension resulting in a uniform fabric knit structure and quality
- Yarn monitoring and control with contactless sensors on the winding reel
- LMS - integrated yarn length measuring system includes LFA and basic yarn cost calculation



MSF 3 ATC

Storage feeder



- High dynamic system, which eliminates the inaction of mechanical systems
- High fabric quality, yarn tension differences between the yarn bobbins are eliminated
- Saving of energy due to optimization of all components to low energy consumption



MTD

Positive drive for flat knitting machines



- Twist-free unspooling of yarn
- Wire processing on flat knitting machines
- Portable from machine to machine
- Simple tension adjustment
- Plug & Play solution



EFS 700

Electronic yarn feeder



- Constant yarn tension to ensure an even knit structure with better length and width constancy
- No plating faults at carriage return resulting in less faulty fabric
- Higher machine speeds and fewer stoppages for faults
- Easy to use. Automatic zero-setting of yarn tension sensor. These two features save time and cut costs



EFS 800

Electronic yarn feeder



- No plating faults during rapid yarn speed changeovers, resulting in less faulty fabric
- Programmable yarn tension reduction when yarn is stationary
- Programmable over feed function for secure clamping of the yarn when it is taken out of the knitting position
- Automatic detection of yarn hardness and adjustment to all known yarn types without the need for software modifications



EFS 920

Electronic yarn feeder



- The EFS 920 makes it possible to run knitting machines at higher speeds and therefore considerably increases production rates
- The tension-controlled take-up system has a yarn take-up path length of 700 mm making it suitable for all applications
- Using the EFS 920 on flat knitting machines greatly improves fabric appearance



PULSONIC 6

Pressure oiler



- Uniform distribution of oil over the entire cylinder - no oily stripes caused by excessive lubrication
- Individual lubrication programmes for needles and sinkers
- Lower power costs due to savings in compressed air
- Electronic monitoring of oil supply to lubrication points.



PROJECTILE LF

Spray oiler



- Patented nozzle system that saves 30-50% of air, so reducing power and operating costs.
- Simple handling (installation, electrical connection, filling, oil drainage)
- Integrated unit monitoring (float switch, safety pressure valve, pressure-relief valve)



PROJECTILE 419F

Spray oiler



- The patented atomizing and nozzle system enables a major reduction in compressed air consumption. This enables considerable savings in power and operating costs.
- Simple handling (installation, electrical connection, filling, oil drainage)
- Integrated unit monitoring (float switch, safety pressure valve, pressure-relief valve)



MNC 3

Needle Controller



- The MNC 3 reduces second-quality fabric rates
- Also detects needle faults on fine gauge, Jacquard and elastane plated fabric
- Faulty needle position indicator saves time
- Keyboard lock to prevent unauthorised use



KNIT SCAN

Fabric Scanner



- Reduces production of second quality fabric
- Cutting lines are detected automatically and can be ignored if required
- No touching of the fabric
- Portable handterminal



LMW 4

Fabric Scanner: Latest generation



- Detection of most common types of defects such as needle faults and holes on single- and double jersey machines
- Automatic adjustment saves time and money
- Distinguishes between needle faults and holes
- Cutting lines are detected automatically and can be ignored if required
- Touchscreen operating terminal



DECOTEX IP



- Yarn infeed monitoring with stop function
- User settable yarn infeed tolerance (%) (in 1% steps from 1% to 9%)
- Yarn feed length rate per knitting machine revolution displayed as rate per 100 needles or rate per minute

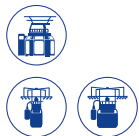


MLT WESCO

Yarn meter



- A single unit to measure the yarn consumption, yarn speed and yarn tension of any knitting system
- Shorter setup times because existing items can be called up and repeated
- Yarn length is easy to calculate accurately

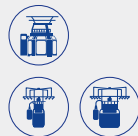


YTM

Yarn tension meter

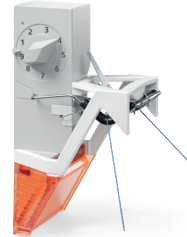


- Portable unit to measure yarn tension of any knitting system
- High precision even for Elastane yarns
- Automatic zero callibration before measuring
- Average and peak function



OFW

Yarn infeed Meter Top yarn detector



The top yarn detector is the first yarn monitoring point after the bobbin on the path to the knitting machine. It can be installed on conventional bobbin stands above the bobbins or on the side creels. The upper yarn detector not only detects yarn breaks but will also detect snatching or jamming of the yarn. This feature prevents yarn breakages.



UFW

Lower yarn detector



The lower yarn detector is a stop device positioned between the yarn feeder and the knitting point and is used, for example, on striping machines as an outfeed stop device. Versions for vertical and inclined yarn feed are available. The lower yarn detector is modular and can be fitted with yarn trappers to prevent false stoppages, various tensioners and other devices.



MRA 4

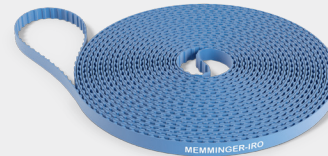
Motor belt drive



- More powerful motors, which make the operation of a larger number of devices possible
- Higher productivity at lower costs due to shorter set-up times and avoidance of potential sources of error with mechanical adjustment
- Drastically reduced set-up times: readjustments or changes in less than a minute. Previously 10 to 20 minutes for quality adjustment pulleys
- More flexibility: in the case of S and Z yarns, feeders are operated both clockwise and anticlockwise



TOOTHED BELTS



- No bonding joint and therefore no weak point
- Excellent tensile strength thanks to continuous, endless loop construction
- Longer belt life and therefore less machine downtime
- Less wear and fewer belt breakages results in cost savings. Lower spare parts stock required



ADJUSTMENT PULLEYS

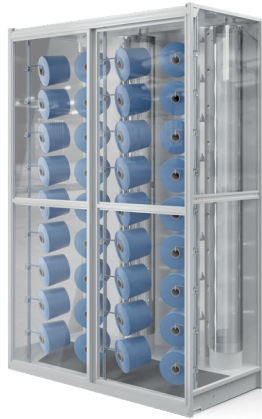


Our adjustment pulleys are made from solid steel. With an easy-to-read scale they enable fine, precision adjustment. A range of diameters are available from 175 to 280 mm and there are versions for one or two drive belt levels. Drive shaft diameter 17 mm and 19 mm.



FILTERCREEL 3

Closed Side Creel

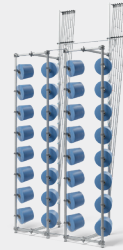


- Enclosed yarn creel system
- Clean yarn feed
- Improved machine output
- Reduced number of knitting faults



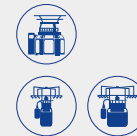
FLEXCREEL

Side Creel



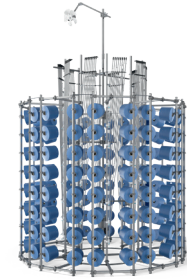
The following variants are available:

- Open yarn guide
- Closed yarn guide made from aluminium, crimped aluminium and plastic tubing.
- Closed yarn guide with air jet for threading the yarn into the tubes.



FLEXCREEL

Circular



The following variants are available:

- Open yarn guide
- Closed yarn guide made from aluminium, crimped aluminium and plastic tubing.
- Closed yarn guide with air jet for threading the yarn into the tubes.



VCL 5

Venti-Cleaner



The VCL 5 system ensures that the knitting machine remains absolutely clean during the production process. The VCL 5 system increases knitting machine efficiency because it prevents the build-up of contamination and deposits which might otherwise stop the machine. The VCL unit consists of a slip ring box, a support arm and electric fans. The slip ring box feeds a continuous power supply to the fans and is available with and without a motor power drive.



BELT TENSIONERS



Belt tensioners are used to pre-tension drive belts. They are an important factor influencing how long a toothed belt lasts. There are two types of belt tensioner: standard tensioners and spring-loaded tensioners. Both types guarantee optimum pulling power and lengthen the time between belt changeovers.



MMI APP

Practical help always at hand



The MEMMINGER-IRO APP is available for IOS, Android and WINDOWS in the respective stores. In this APP you will find important and useful product information such as product brochures and product videos. You can use the APP to easily contact MEMMINGER-IRO or the responsible country representative at any time. It is easy to use and offers many useful functions.

Curious? - for the quick installation of the MEMMINGER-IRO APP simply scan the QR code below! Practical help always with you.

