MEMMINGER-IRO

MEMMINGER-IRO
KNITTING MACHINE PERIPHERIE
LATEST INNOVATIONS

KNITSTORE K52

KNITSTORE K52 ATC

SFE 2

MCI

MTD

MRA 4

In order to meet future requirements, MEMMINGER-IRO GmbH consistently updates its product line with the focus of adapting to the actual and future requirements in the knitting field.

- **This approach enables new product demands as well as more productive and economic working methods.**

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ADVANCED KNITTING TECHNOLOGY

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VANDEWIELE

MEMMINGER-IRO

KNITSTORE K52/ K52 ATC

New generation of storage feeders

K 52 is the latest generation of high-tech storage feeders, equipped with a CAN BUS communication and focused on functionality, easy maintenance and simple operation. Highlights are the new developed spiral output brake for a finer and more even adjustment of yarn output tension, integrated yarn consumption measurement and automatic determination of the quickest possible stopping time in case of yarn breakage (“Fast stop”). K52 ATC is equipped with an Active Tension Control system, which ensures that the yarn output tension remains constant at the pre-set value, independent from external factors like size of the bobbins or quality of the yarn.

- High fabric quality, yarn tension differences between the yarn bobbins are eliminated
- Compensation of yarn tension peaks
- Reduction of needle breakages
- No checking of yarn tension during the knitting process
- Increasing of machine efficiency and reduction of production cost
- Low energy consumption results in saving of energy costs
- Set up of yarn tension for each feeder or in groups centrally via GTN
- Display of cause of machine shutdown in the GTN
- Integrated yarn consumption measurement with GTN
- Automatic determination of the quickest possible stopping time (Fast stop function), integrated in GTN

KNITSTORE K52

K52

VANDEWIELE

MEMMINGER-IRO

SFE 2

New generation of economic storage feeders

The storage feeder SFE 2 is an economical version of storage feeders which includes all “state of the art” functionalities such as adjustable yarn input tensioner, yarn separation and steppless adjustable yarn output tension. It is designed to offer an economic solution for knitters with reduced investment costs.

SFE 2

- Compact design
- Modular swiveling input tensioner
- 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
- Circumferential LED light strip providing information on the respective operating status
- Stepless adjustable yarn output tension by means of the latest spiral brake technology

MCI

Memminger Communication Interface based on latest technology

The MEMMINGER-IRO Communication Interface MCI is designed to control storage feeders, tension- controlled feeders, motor drive systems and quality control devices produced by MEMMINGER-IRO. This latest generation is webserver based. It is possible to operate one machine or several machines via one panel. With the MCI the knitter gets the maximum flexibility according to its demand.

- Article and machine configuration – saving and loading to multiple machines
- Yarn consumption display and control function with tolerance
- Event logs
- Flexibility with number of screens
- Stand alone function - without wireless local network structure possible
- Remote controlling of machines and machine status
- Possibility to connect several MEMMINGER-IRO CAN products
- Improved modern user interface

MEMMINGER-IRO

MTD

twist free feeding of sophisticated materials on flat knitting machines

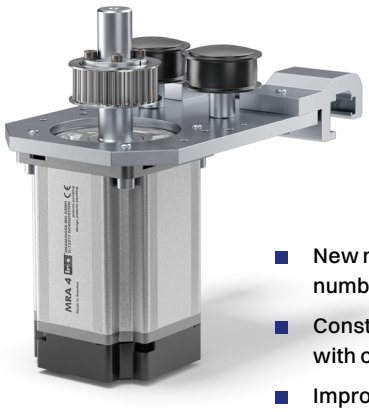
MTD (Memminger Tech Drive) is a positive drive for flat knitting machines which enables twist-free unspooling of the material to be processed. MTD is applied in the production of different textile fabrics. It can be used for processing wire and monofilament as well as twist-free requirements for aramid, fibre glass, etc.

MTD

- Twist-free unspooling of yarn
- Wire processing on flat knitting machines
- Modular structure
- Autonomous operation from machine
- Portable from machine to machine
- Height-adjustable frame
- Simple tension adjustment
- Plug & Play solution

MRA 4

New powerful motor drive belt system for large diameter circular knitting machines



The servo motors of MRA 4 completely replaces the quality adjustment pulley assembly. This results to receive a constant, precise stitch length and therefore an improved fabric quality. Article reproducibility is more accurate. The technical parameters of the motors are adapted to the trend of faster circular knitting machines with more feeders. The system as such is more economic which results in a much shorter Return On Investment.

- New more powerful motors enable to drive a larger number of feeders
- Constant, precise stitch length, not otherwise possible with other methods currently in use
- Improved fabric quality due to constant, uniform, programmed yarn infeed rates on all machines
- No mechanical settings and so there is no risk of setting faults. Shorter setup times. These are all factors which add up to high production rates and lower costs
- Big reduction in setup times. The setting of changes and new settings take less than a minute. With the quality adjustment pulley system used previously these operations would take between 10 and 20 minutes
- Rapid fabric press-off rectification thanks to reduction in yarn feed rates
- Greater flexibility. Motor has two-way rotation and can drive left-hand and right-hand feeders on S and Z yarns