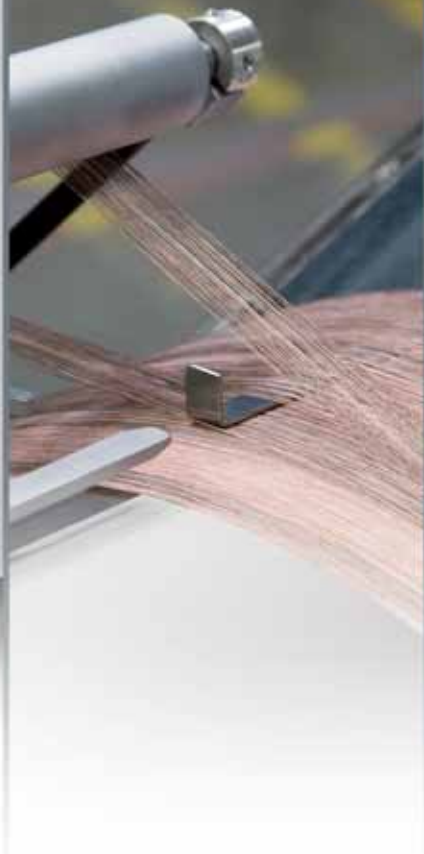
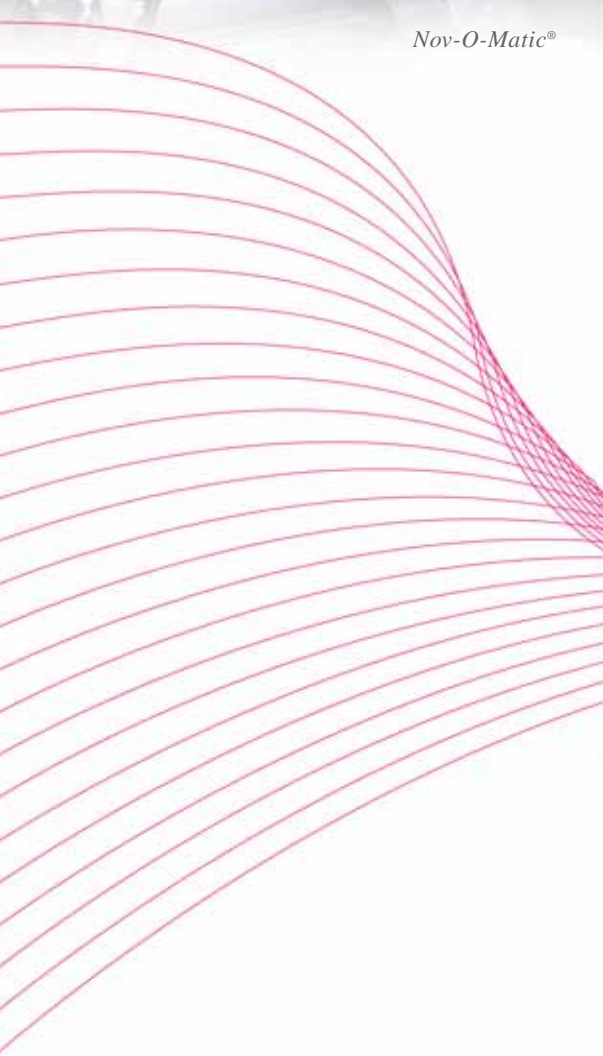


*Nov-O-Matic®*



NOM



**NOM**

Automatic Sectional Warper

全自动分条整经机



**KARL MAYER**



# TEXTILE SOLUTIONS. TEXTILE PERFECTION.

## KARL MAYER'S textile machines.

卡尔迈耶纺织机器，是纺织解决方案，让纺织尽善尽美

Something which began almost 70 years ago in Obertshausen has now become part of our everyday lives. Textiles produced on KARL MAYER'S machines surround us in both our private and professional lives, providing comfort, security and safety.

The success story of KARL MAYER, the company set up by Mr. Karl Mayer in 1937, began 10 years later with the production of tricot machines. Nowadays, this family run, German company leads the world in the warp knitting machine sector, and KARL MAYER also sets the standard in the textile world in warp preparation equipment for warp knitting and weaving.

The development of this textile world demands a global strategy: „Worldwide customer-oriented“ is one of KARL MAYER'S most important objectives. In order to exist in international markets, companies must think globally, and have a clear picture of their own strengths. A keen awareness of quality, expert engineering and innovative products are at the heart of KARL MAYER – and this is what makes our customers all over the world trust us completely.

Our joint success is based on this trust, together with the dialogue and close cooperation which we foster with our customers. This is why KARL MAYER supplies machines tailor-made to very specific requirements. This makes our clients more and more successful, and better equipped to face the future – and it makes us experts in the textile chain.

To meet this responsibility, we have extended our operations to other areas of textile production. Our strategy of developing other commercial segments in the textile chain gives our customers the opportunity to grow with us and, at the same time, prepares us for future challenges.

The concepts of 'future' and 'responsibility' go hand in hand at KARL MAYER. The development of new technologies, such as **KAMCOS®**, are just as important here as furthering the careers of our employees and providing training for our clients since, as far as we are concerned, the best future lies with people and their ideas.

KARL MAYER – we care about your future.

卡尔迈耶纺织机器，是纺织解决方案，让纺织尽善尽美

一些在70年前的奥博茨豪森就已经开始了的事情现在已成为我们日常生活的一部分，在卡尔迈耶的机器上生产的纺织品就在我们的周围，无论是我们的私人生活还是职业场所，它们让我们的生活更加舒适、安全。

卡尔迈耶先生于1937年创办了卡尔迈耶公司，10年后生产特里科机器，成功故事由此展开。如今，这家德国家族企业引领着世界经编行业，同时，卡尔迈耶还在纺织世界中给经编和机织的整经设备设立了标准。

纺织世界的发展需要全球化的战略，

“以全世界的客户为导向”是卡尔迈耶最重要的目标。为了在国际化的市场上取得成功，公司必须要有全球化的思路，并对自己的实力有着清楚的了解。对质量、专业的设计和产品的敏锐的洞察力是卡尔迈耶的核心，也正是这些使我们取得了世界各地客户的完全信任。

我们成功的合作正是基于这种信任，还有就是我们对我们的客户所希望的对话和紧密合作，这是为什么卡尔迈耶为特殊的需求提供定制机器的原因所在，这使我们的客户获得越来越大的成功，并且面向未来配备了更好的装备，它使我们在纺织链上更为专业化。

为了担负起这样的责任，我们已经延伸到纺织产品的其他领域。我们发展纺织链上其他商业部分的策略让我们的客户有机会跟我们一起发展，同时，让我们准备迎接未来的挑战。

在卡尔迈耶，“未来”和“责任”的概念是连在一起的，就如**KAMCOS®**，它和促进我们员工的事业以及为我们的客户提供培训一样重要，因为就我们而言，最好的未来是属于人民和他们的思想。

卡尔迈耶—我们关注你的未来！

KARL MAYER – we care about your future.

# Nov-O-Matic (NOM)

## Automatic short length sectional warping machine

全自动短长度分条整经机

Particularly customers operating in the top-fashion textile industry such as for the production of fabrics for suits, shirts and furniture appreciate the advantages of the KARL MAYER warping machines. An automatic leasing function with up to seven size separations guarantee a use without any limit.

The unique patented KARL MAYER band build-up system guarantees identical bands – also for highly delicate yarns!

追逐纺织工业流行时尚如套装、衬衫和家具生产的特殊客户将会享受到卡尔迈耶整经机的好处。自动的分纱功能，高达七次的分浆保证了无任何限制的使用。

独特的卡尔迈耶经纱条头形成系统保证了相同的条头，即使是非常精细的纱线。



A patented Laser-controlled band build-up provides identical band circumferences and section-trolley feed without correction stops.

The highly effective end break detector stands for an optimum further processing with superior efficiency on the weaving machines.

### control KAMCOS®

Operator Interface IPC/Touchscreen 12,1", Ethernet interface for networking and connection for the relevant data acquisition and Teleservice.

### Leasing device

with creel-tier regulation for all lease kinds (freely programmable) and up to seven size separations.

### Gripper

for inserting the cords for the yarn separations.

### Separating rods

automatic separation of the yarn sheet by means of separating rods, for an error-free insertion of the leasing cord.

### Network-OPC package

Hardware and software package for a problem-free link between machine and network, for the transfer of logs and of real-time data to an external computer as well as for the compilation of users own log characteristics.

### KARL MAYER Service Plus (Teleservice)

Service packages for increasing the availability and productivity of KARL MAYER machines:  
KARL MAYER Teleservice.

条头形成中的获得专利的激光控制提供相同的条头圆周长和分段送纱滑车。

高效率的断头检查装置代表了在织机上进一步加工时的高效率。

### DNC 控制 KAMCOS®

ICP操作界面，12.1"触摸屏，以太网接口用于网络和相关的数据采集及远程服务相连接。

### 分纱装置

用于各种分纱装置的筒子层调整，高达7次分浆

### 夹条

用于在分纱时嵌入纱条

### 分纱棒

通过分纱棒，经纱片自动分离，分离纱条无误插入

### 网络OPC 数据包

硬件和软件包通过设备和网络的连接，用于方便地诊断和解决设备的相关问题，传输日志和实时数据至外部电脑，同样可以用于编写用户自己的日志特征

### 卡尔迈耶远程服务

服务包用于提高卡尔迈耶设备的性能和生产率

# Nov-O-Matic (NOM)

The fast Automatic!

快速全自动分条整经机

## Technical data

技术数据

Working width	2200-3600 mm
Beam diameter	800 mm
Drum diameter	600 mm
Band width	5-200 mm
Warping speed	Max. 1000 m/min
Beaming speed	200 m/min
Sizing separations	7
Leasing cord preparation after beaming	None

工作宽度	2200-3600 mm
经轴直径	800 mm
大滚筒直径	600 mm
经纱条宽度	5-200 mm
整经车速	最高 1000 m/min
倒轴速度	200 m/min
浆纱分绞	7 层
倒轴后的分绞线	无需



Compact ergonomic design  
紧凑的人机工厂设计



Simple effective operation  
简便高效的操作





1 Beaming machine

2 Warping drum

3 Leasing reed

4 Gripper

5 Separator and leasing cords

6 Monitor

7 Section carrier trolley

1 倒轴装置

2 整经大滚筒

3 分绞箱

4 夹条

5 分层分绞装置

6 操作电脑

7 分条导纱小车

Automatic perfection  
完善的自动化控制



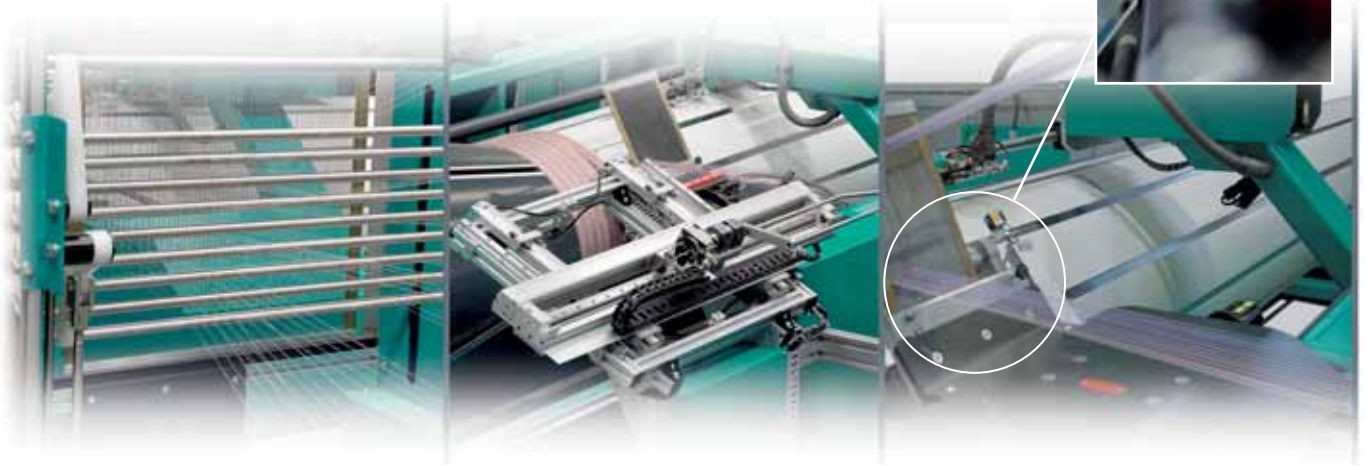
Touch control  
触摸屏控制



# Nov-O-Matic (NOM)

## A new dimension in sectional warping

分条整经机中的新选择



### Leasing reed

- Easy thread insertion
- Automatic operation
- Improved yarn angle by leasing for better operation and overview
- Possibility to split for two creel operation

### 分绞箱

- 易于纱线的穿入
- 全自动控制
- 通过分绞改善了纱线角度，便于更好的操作
- 可实现两个纱架纱线的分离

### Shed opener

- For perfect leasing
- Fully automated operation
- Gently yarn treatment

### 梭口打开

- 使分绞更完美
- 全自动操作
- 温柔接触纱线

### Gripper

- Pulls the separator and leasing cords
- AC-servo drive with faulty grip detection
- Automatic alignment

### 夹条

- 拉持分离和分绞线
- 交流伺服电机驱动，误夹持监测
- 全自动定位

### Section carrier trolley

- Incorporating laser control band build-up
- Guiding rollers automatically opened at lease
- Computer controlled translation

### 分条导纱小车

- 一体化激光定位控制条带形成
- 在分绞时导纱罗拉自动打开
- 电脑控制小车的平移

Gripper open  
夹条打开



Gripper closed  
夹条关闭





### Band Circumference Control

Revolutionary Rhombus build-up system for perfect bands

Laser Control

Master-copy band principle for optimal quality

### 条带圆周的控制

革命性的菱形条带成型系统，用于生产完美的条带

激光控制

原版复制第一条带，得到最佳的条带质量

### Man Machine Interface (MMI) Including:

Fault Analysis, Touch screen, Graphic display

Warped beam data, Service log and much much more...

### 人性化的电脑主界面包括

错误分析，触摸屏，图文显示

经轴数据，系统日志等等...

### Beaming Unit

Yarn tension control from empty to full beam

Loading and doffing

Beam take-up

Press roller (Optional)

Waxing Device (Optional)

### 倒轴装置

从空轴到满轴的纱线张力控制

上落轴装置

织轴的卷曲

压纱罗拉 (选购件)

上蜡装置 (选购件)

### Standard warping programs

Lease at the beginning and end

Top, safety and bottom lease

Bottom lease with size separations

Additional programs on request

### 标准的整经程序

在起始和结束阶段对条带进行分绞

顶端，安全，底部的分绞

底部的浆纱分绞

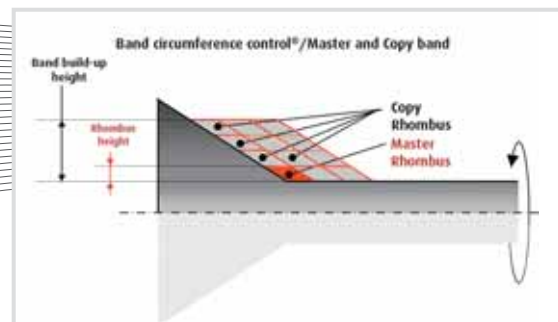
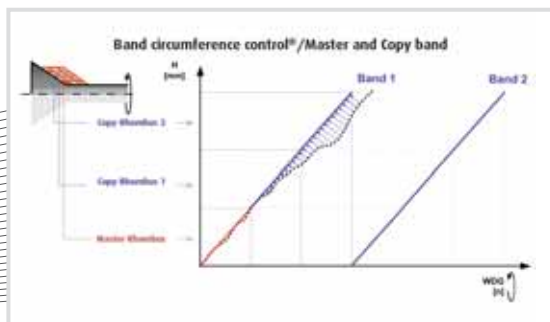
可根据需求配备额外的程序

Band circumference control

条带圆周的控制

Rhombus build-up system

菱形条带形成系统



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**we care about your future**



**KARL MAYER**