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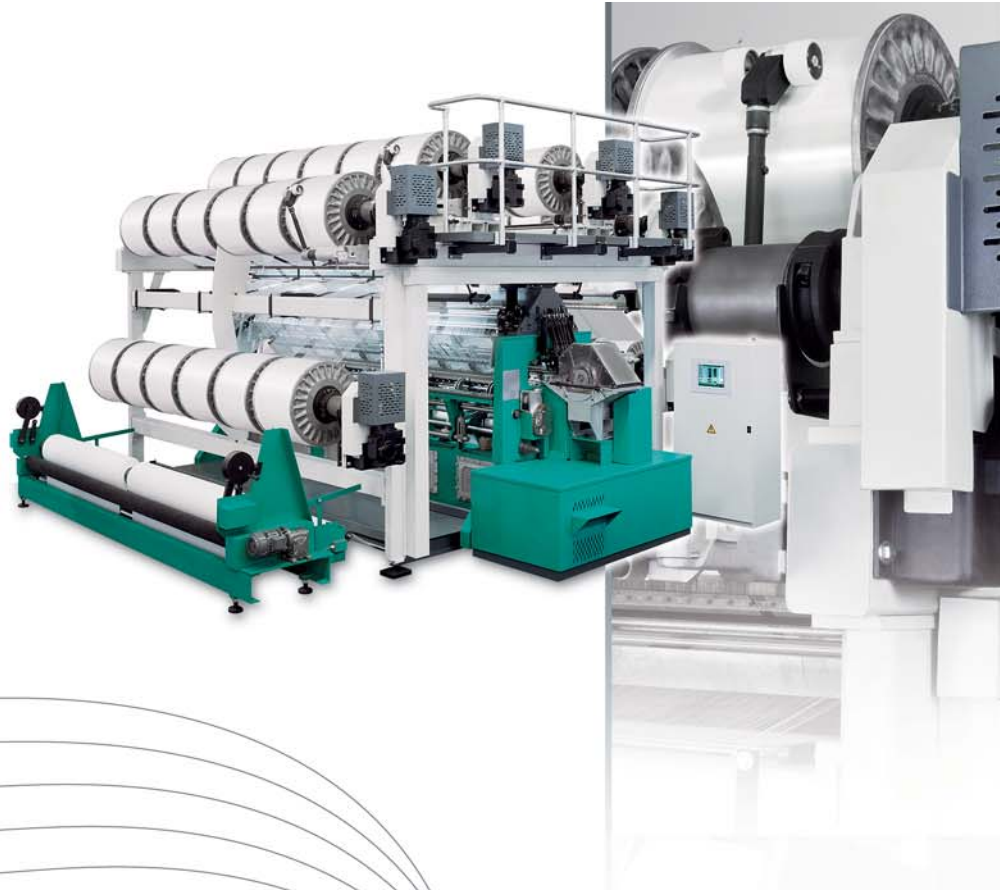
[www.karlmayer.de](http://www.karlmayer.de)



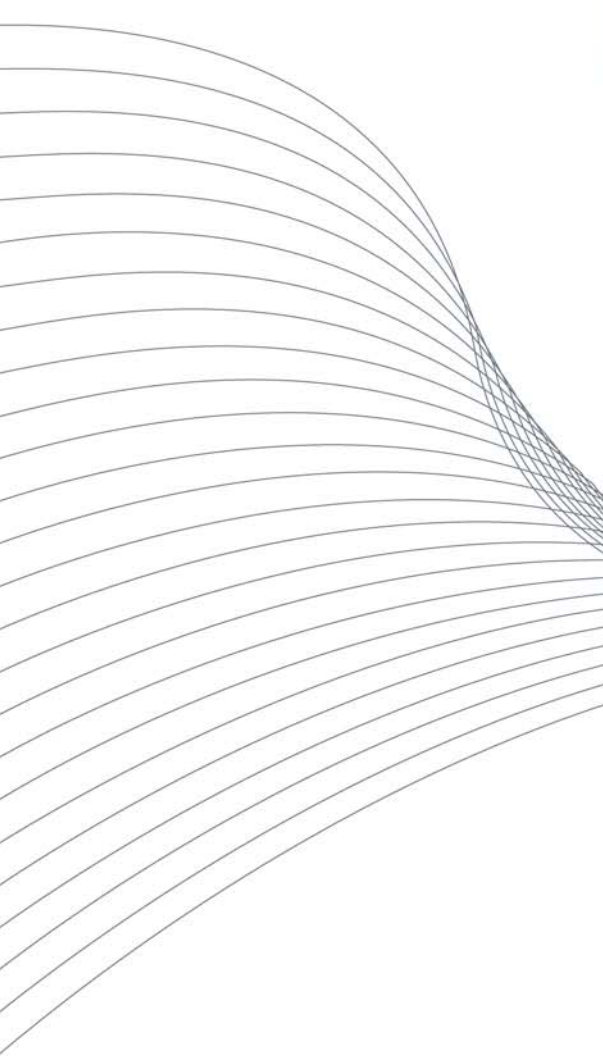
**we care about your future**



**KARL MAYER**



RD 6 | 3-12



RD 6 | 3-12

Double Raschel Machine

双针床拉舍尔经编机



**KARL MAYER**

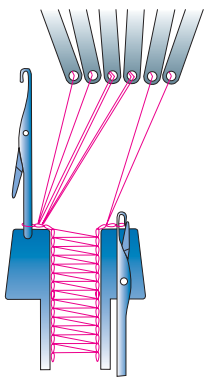
## RD 6 | 3-12

### Flexibility and efficiency for an important product range

高效、灵活——产品多样化的灵魂

The RD 6/3 - 12 does not only offer maximum flexibility and a great variety of products – the machine sets also standards as for its production speeds achieved with the well-known basic configuration.

The simple machine concept is the convincing element of the double-bar Raschel machine. It is apt for the production of spacer fabrics as it is for manufacturing the most different plush articles. Another pro of the RD 6/3-12 is the optimum operability enabling a better control of the fabric quality and significantly facilitating the work.



Furthermore, the machine equipment comprises components of the **KAMCOS® (KARL MAYER COMMAND SYSTEM)** serving as control of the basic functions such as main drive and yarn feeding. The production data acquisition is effected by means of a Color Touch screen.

All these factors render the RD 6/3-12 a profitable and future-proof investment if a variable and flexible production is crucial for the company's success. This multitude is best shown by some product examples of the RD 6/3-12:

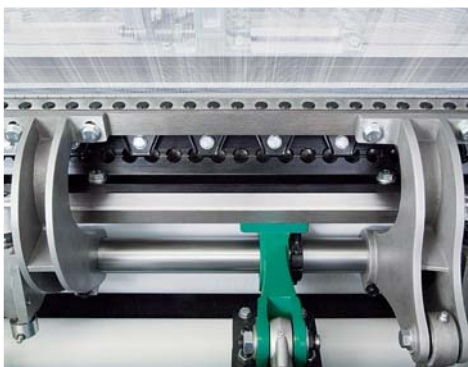
RD 6 / 3 - 12 不仅仅拥有广阔的产品适应性，凭借它独特的构造，这种机器成为了高效生产的典范。这种简明扼要的机器理念来源于久经考验的双针床拉舍尔机，它适合双针床间隔织物的生产，特别是双针床毛绒织物。与此同时，完善的操作性能使织物质量更加稳定可靠，易于人工控制，让人们从枯燥乏味、晦涩繁琐的工作中解脱出来。

此外，该机器还引入了最先进的卡尔迈耶控制系统 (KAMCOS®) 对机器的基本功能进行最优化管理，例如主轴驱动和送经量。彩色触摸屏用于生产显示。

如果一个公司将产品的多样化和新颖性摆到其发展的首要位置，毫无疑问，RD 6 / 3-12 将是一项利润丰厚，回收迅速的投资。口说无凭，眼见为实，请您浏览以下在 RD 6/ 3-12 上生产的一些样品。

Shoe fabrics	Automotive textiles
Lining fabrics	Furniture fabrics
Bandages	Toy plush
Mattress covers	

鞋面材料	车内装饰面料
衬里	家具面料
绷带	玩具绒
床罩	



Clearly-designed machine concept  
简明的机器设计理念

Pattern drive  
横移机构



# RD 6 | 3-12

## Technical data and batching device

### 技术参数和卷取装置

#### Working widths

3505 mm = 138 inches

#### Gauges

E22, E24,

#### 工作幅宽

3505mm=138 英寸

#### 机号

E22, E24

#### Bars/knitting elements

2 single-needle bars with latch needles, 2 knock-over comb bars and 2 centrally movable stitch comb bars, 6 ground guide bars, GB3 and GB4 stitch-forming on both needle bars

#### 成圈机件

前后两针床均采用舌针，2个栅状脱圈板和沉降片床，6把地梳，GB3和GB4在前后两针床上均成圈。

#### Knock-over comb bar distance

3 - 12 mm, continuously, centrally adjustable

#### 栅状脱圈板隔距

3 - 12 mm, 无限调节，中央可调。

#### Warp beam support

6 warp beam positions, free-standing, for sectional beams with a flange diameter of 812 mm (32 inches)

#### 经轴

6个经轴位置（独立经轴架），用于边盘直径为812mm（32英寸）的分段经轴。

#### KAMCOS® (KARL MAYER COMMAND SYSTEM)

Motion Control / Single Speed for control of the basic functions  
Operator Interface / 10,4" Color Touchscreen for the production display

#### KAMCOS® (KARL MAYER COMMAND SYSTEM)

控制基本功能的单速运动控制  
操作界面/10,4"彩色触摸屏用于生产显示

#### Yarn let-off device

For each warp beam position 1 electronically controlled yarn let-off drive, driven by geared motor, controlled via Motion Control

#### 送经装置

每个完全安装的经轴位置设有一套电子送经装置，通过齿轮传动的电机驱动，受电机控制系统控制。

#### Fabric take-up

4-roller system, driven by change-gear drive

#### 织物牵拉

4罗拉卷取装置，由变速齿轮驱动。

#### Batching device

Nr. 14 F, separately standing, with friction drive max. batch diameter: 1270 mm (50 inches)

#### 卷取装置

Nr. 14 F 独立配置，采用了摩擦传动，最大卷装直径1270mm（50英寸）

#### Pattern drive

Drive N with 6 pattern discs or one 6-track pattern drum integrated tempi change gear drive

#### 横移机构

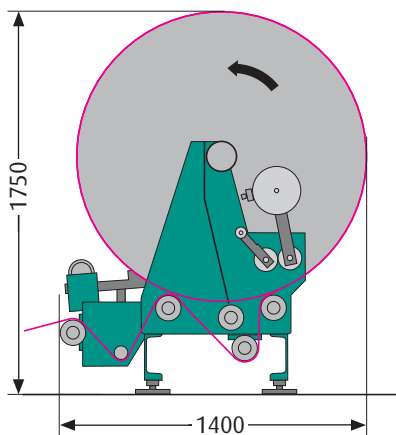
6个N型花盘或者一个6轨道的花纹滚筒，具有行程变换作用的齿轮传动

#### Electrical equipment

Speed-regulated main drive, power-failure safe, with separate fine-positioning function, total connected load 32 kVA

#### 电子装置

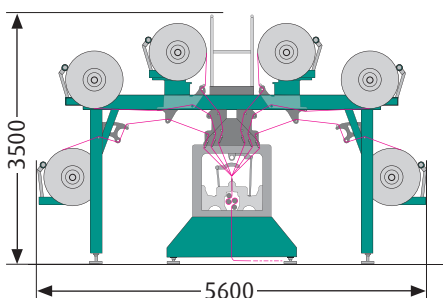
调速主驱动，断电保护，具有各自精确定位功能，额定负荷为32千伏安。



Batching device  
max. batch diameter of 1270 mm (50 inches)

卷取装置  
最大卷取外径为 1270 mm (50 英寸)

Dimensions and warp beam support  
尺寸和经轴架



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