



WARP KNITTING  
经编机

## TM 3

**Highly efficient Tricot machines for the basic needs and a wide range of applications**  
满足基本需求、终端应用广泛的高效型特里科经编机

### Your benefit

- Increased working width up to 290"
- Machine speed up to 2200 rpm
- Needle bar with state-of-the-art carbon-fibre technology
- Up to 40" beams for more productivity

### 您的优势

- 工作宽度增至290英寸
- 机速高达2200 rpm
- 针床应用了先进的碳纤维技术
- 可使用40英寸的大盘头, 生产效率更高

# TM 3

## Technical data

### 技术参数

#### Working width / gauge

280"  
(+ 10" working width extension)  
E 28, E 32

#### Bars / knitting elements

Individual needle bar (synchronously milled), tongue bar (synchronously milled), sinker bar with knock-over adjustment (chromium-plated sinkers), three ground guide bars (GB 1 up to GB 3 stitch-forming, shog up to 25 mm)  
All the bars are made of carbon-fibre-reinforced plastic.

#### Warp beam support

3 × 812 (32") (free-standing)  
Optional: 1 × 1016 (40"), 2 × 812 (32") (free-standing)

#### KAMCOS® 2

##### (KARL MAYER COMMAND SYSTEM)

Operator interface to configure, control and adjust the electronic functionality of the machine

#### Integrated monitoring systems

- Integrated Laserstop
- Integrated camera

#### Yarn let-off device

One electronically controlled yarn let-off drive, driven by geared motor

#### Fabric take-up

Electronically controlled, four-roller system, driven by geared motor

#### Batching device

No. 52 (stands separately)  
Optional: No. 34B

#### Pattern drive – N

Including integrated tempi change gear drive

#### Pattern drive equipment

3 pattern discs  
16 stitches per chain drum circumference or pattern disc circumference (3 tempi)

#### Electrical equipment

Total connected load 25 kVA

#### Oil supply

Cooling by means of air-heat exchange  
Optional: Oil/water heat exchanger

#### 工作门幅/机号

280英寸  
(+10英寸的工作门幅拓宽)  
E 28, E 32

#### 床体/成圈机件

同步铣削的嵌入式针床和针芯床, 脱圈深度可调的沉降片床 (镀铬的沉降片), 三把地梳 (GB 1到GB 3成圈), 累积横移距离达到25 mm  
所有床身均采用碳纤维增强塑料

#### 经轴架

3 × 812 (32") (独立式)  
选配: 1 × 1016 (40"), 2 × 812 (32") (独立式)

#### 卡迈酷斯® (卡尔迈耶控制系统)

操作界面, 用于设置、控制和调节机器的电控部分功能

#### 集成式监控系统

- 集成式激光自停装置
- 集成式照相装置

#### 送经机构

一套电子送经装置, 通过马达驱动

#### 织物牵拉机构

电子控制, 4罗拉系统由电机驱动

#### 卷取机构

No. 52 (落地卷)  
选配: No. 34B

#### 提花机构——N型

包括行程变换齿轮

#### 提花机构

3片花盘  
花纹滚筒一周或花盘一周对应16个线圈横列 (3行程)

#### 电子设备

机器总连接负载25千伏安

#### 供油

通过空气热交换器冷却  
选配: 油/水热交换器

#### End uses

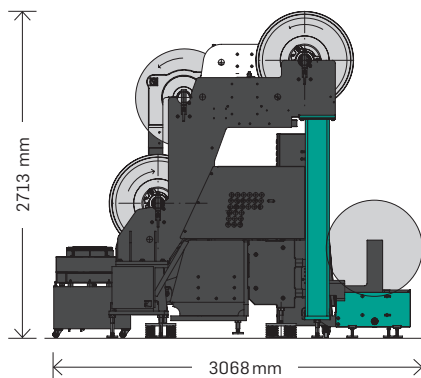
Automotive textiles, outer-wear, home textiles, sports-wear, toy plush, shoe fabrics, mattresses, flags, ground fabrics for printing, mosquito nets, coating substrates

#### 终端用途

汽车面料、户外服装、家用纺织品、运动服、毛绒玩具、鞋材、床垫、旗帜、印花底布、蚊帐布、涂层基质

#### 3 × 32"

Total width 宽度  
9537 mm  
Total depth 纵深  
3068 mm  
Total height 高度  
2713 mm



#### 1 × 40", 2 × 32"

Total width 宽度  
9537 mm  
Total depth 纵深  
3068 mm  
Total height 高度  
2758 mm

