



WARP KNITTING
经编机

TM 3

The highly efficient Tricot machine for the basic needs, elastic and rigid articles
满足基本需求、能生产弹力或无弹面料的高效型特里科经编机

Your benefit

- Excellent price-performance ratio
- Extraordinary machine running speed
- Needle bar with state-of-the-art carbon-fibre technology
- Up to 40" beams for more productivity
- With an option of specially designed yarn deflection tube, change between filament yarn and elastane without dismantling any parts

您的优势

- 杰出的性价比
- 领先的机器运行速度
- 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
- GB3可选配特殊设计的导纱装置，满足化纤长丝和氨纶的加工需求，无需拆装任何部件

TM 3

Technical data

技术参数

Working width / gauge

180"
 (+6" working width extension)
 210"
 (+ 8" working width extension)
 238"
 (+ 10" working width extension)
 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

180英寸
 (+6英寸的工作门幅拓宽)
 210英寸
 (+8英寸的工作门幅拓宽)
 238英寸
 (+10英寸的工作门幅拓宽)
 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®2 (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

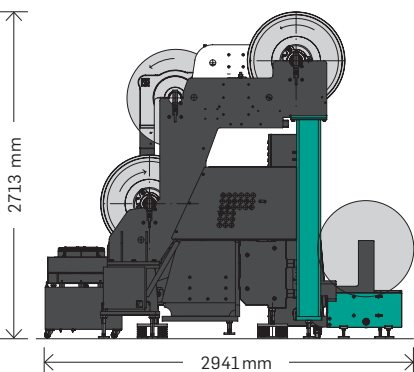
Automotive textiles, outer-wear, home textiles, sports-wear, toy plush, shoe fabrics, mattresses, flags, ground fabrics for printing, mosquito nets, coating substrates

终端用途

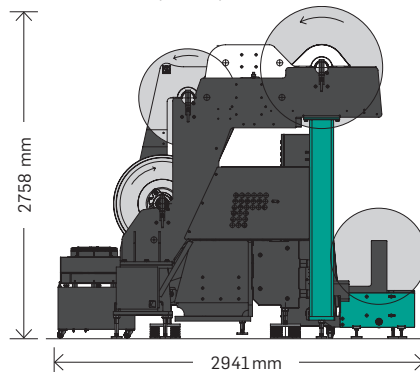
汽车面料、户外服装、家用纺织品、运动服、毛绒玩具、鞋材、床垫、旗帜、印花底布、蚊帐布、涂层基质

Height and depth / 高度和纵深

3 × 812 mm (32 英寸) Ø



1 × 1016 mm (40 英寸) Ø
 2 × 812 mm (32 英寸) Ø



Width / 宽度

Working width 工作门幅	Total width 机器总宽
180 inches (186 inches)	6872 mm
210 inches (218 inches)	7683 mm
238 inches (248 inches)	8444 mm
280 inches (290 inches)	9537 mm

3 × 32"

Total depth 纵深
 2941 mm
 Total height 高度
 2713 mm

1 × 40", 2 × 32"

Total depth 纵深
 2941 mm
 Total height 高度
 2758 mm

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