



WARP KNITTING
经编机

TM 4-TS EL

The flexible machine especially for staple fibre fabrics
加工短纤纱的灵活型毛圈经编机

Your benefit

- EL-drive for production of fully fashioned end uses
- Superstructure for big beams for longer run times
- Special knitting elements designed for staple fibre yarn
- Optimized for the use of stable fiber or filament yarn
- Online brushing device for even loops
- Highest operational reliability
- Long service life

您的优势

- EL电子横移, 满足终端用途对产品时尚性的需求
- 经轴架适合大尺寸盘头, 增加开机时长
- 专为短纤纱设计的特殊成圈机件
- 可加工短纤纱或者化纤长丝
- 刷毛装置形成统一的毛圈
- 最佳的运行稳定性
- 较长的使用年限

TM 4-TS EL

Technical data

技术参数

Working width / gauge

3455 mm = 136"
E 24, E 28, E 32
4724 mm = 186"
5334 mm = 210"
E 24, E 28

Bars / knitting elements

Individual needle bar and tongue bar synchronously milled, every second needle is alternately arranged in a staggered manner as a full-headed compound needle, sinker bar, four ground guide bars (max shog 12 mm)

Warp beam support

Warp beam support (3 × 40" + 1 × 50") free-standing – three warp beam positions for sectional beams of 1016 mm (40") flange diameter and one warp beam position for sectional beams of 1270 mm (50") flange diameter (GB 4), pre-assembled for despatch in containers. Operation platform, on the front right side, stairs at the back and a middle gangway between GB1 and GB2.

KAMCOS® 2

(KARL MAYER COMMAND SYSTEM)

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

Feeler roller device

For each completely mounted warp beam position: one feeler roller device for the readjustment of the yarn feeding values related to the circumference of the sectional beam.

Fabric take-up

Electronically controlled, continuous execution, four-roller system driven by geared motor, controlled by Motion Control.

Batching device

Standard: without
Optional:
No. 43/1/1-TS for staple fibre: one brushing roller for brushing off Terry loop GB 1
No. 43/2/2-TS for staple fibre: two brushing roller (for double-sided terry fabrics) for brushing off Terry loop GB 1 and GB 4.
No. 43/2/2-TTS for staple fibre and filament yarn: two brushing rollers (for double-sided terry fabrics) for brushing off Terry loop GB 1 (filament) and GB 4 (staple fibre).

Pattern drive

Electronic guide bar control system (EL).

Electrical equipment

Speed-regulated main drive, power-failure safe, including inching motion function, total connected load 32 kVA.

Oil supply

Heating. Cooling by means of circulating air heat exchanger, circulation by means of electric pump, filter with dirt monitoring system.

工作门幅/机号

3455 mm = 136英寸
E 24, E 28, E 32
4724 mm = 186英寸
5334 mm = 210英寸
E 24, E 28

床体/成圈机件

同步铣削的嵌入式针床和针芯床, 间隔排列满头复合针, 沉降片床, 4把地梳(最大横移距离为12mm)

经轴架

经轴架(3 × 40" + 1 × 50")
独立式, 3个位置可安装
装边盘直径为1016 mm (40英寸)的盘头, 1个位置(GB4)可安装边盘直径为1270 mm (50英寸)的盘头, 预装在集装箱内发货
操作平台位于前部右侧, 后有楼梯, 中间的走道板位于 GB1 和 GB2 之间。

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

反馈罗拉

每个完全独立安装的经轴位置上配备一个反馈罗拉, 根据盘头的实际外周长调节送纱量

织物牵拉机构

电子控制, 连续执行, 4罗拉系统由电机驱动, 受运动控制系统控制

卷取机构

标配: 无
选配:
No. 43/1/1-TS (适用于短纤维): 1个作用于GB1毛圈的刷毛棍
No. 43/2/2-TS (适用于短纤维): 2个作用于GB 1和GB 4的双面毛圈刷毛棍
No. 43/2/2-TTS适用于短纤维和长丝: 2个作用于GB 1 (长丝) 和GB 4 (短纤) 的双面毛圈刷毛棍

提花机构

电子梳栉控制系统 (EL)

电子设备

调速主电机, 断电保护, 慢速传动功能, 机器总连接负载32千伏安

供油

加热装置, 通过空气流通式热交换装置冷却, 通过电泵实现循环, 配备防脏报警过滤器

Total width 宽度
136" 5511mm
186" 6498 mm
210" 7650 mm
Total depth 纵深
5284 mm
Total height 高度
3563 mm

