

WARP PREPARATION  
准备设备

## MULTI-MATIC®



### Single-end warp sampling machine for the production of samples, stencils and medium production warps

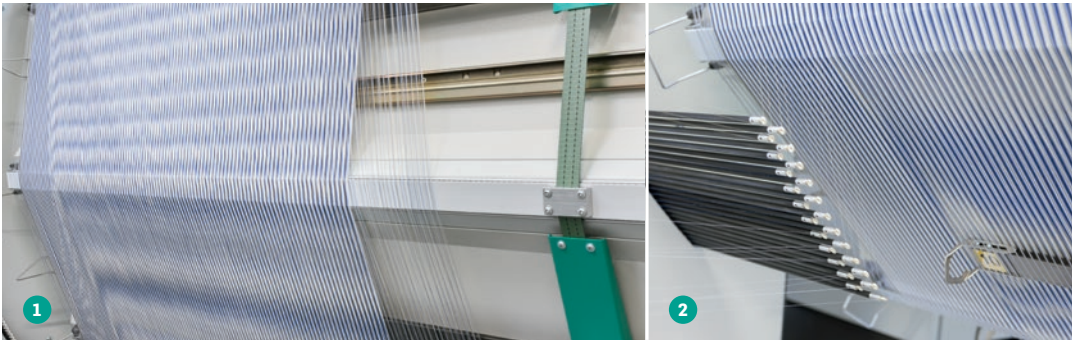
生产短、中等整经长度和样品经纱的样品整经机, 可控制单根纱线

#### Your benefit

- It is possible to increase the production eightfold for plain warps and fourfold for sample warps compared to today's warp sampling machines
- Up to 40% increase in the maximum warp length
- Unique flexibility in patterning as well as possibility to produce short warps with a maximum working width of 3,600 mm
- Automated colour change at highest production speeds with exact yarn laying
- Can be employed both as sampling machine and as production machine
- Highest availability due to KARL MAYER Teleservice
- Minimum set-up times possible due to pattern repeat input during production via CAD system and Office PC

#### 您的优势

- 与现有的样品整经机相比, 常规整经的产能提高8倍, 样品整经的产能提高4倍
- 最大整经长度增加了40%
- 最大工作幅宽3600mm, 灵活的经纱配置, 能适应较短的整经长度
- 最高生产速度下自动选取纱线并精确地喂入
- 适用于产品试样和常规大生产
- 卡尔迈耶Teleservice提升可用性
- 通过CAD系统和电脑向机器输入经纱配置方式, 缩短设置时间



1 Warp build-up with laying bands  
带经纱循环的整经

2 Carbon colour selector  
碳纤维材质的纱线选择器

## Product features

### 产品特点

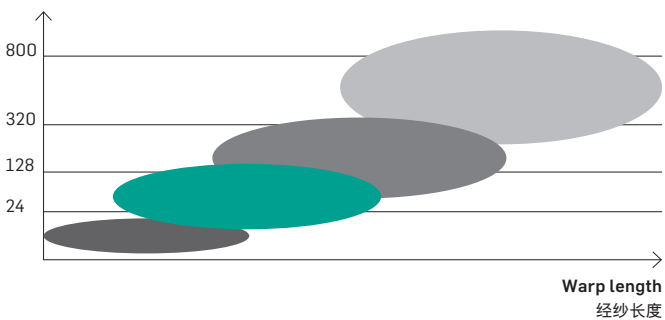
- Fully automatic warp sampling machine
- Intended for the manufacture of sample warps and of production warps with a warp length of 35 m to maximum 1,500 m
- Enables patterning with up to 128 individually controlled guide fingers
- 全自动样品整经机
- 用于样品整经, 以及经纱长度为35米-1500米的整经
- 128个独立控制的选纱装置控制纱线排列

## Best economic use of warping machines

### 经济效益最佳的整经机

#### Number of bobbins

纱筒数量



#### ■ ERGOTEC / OPT-O-MATIC

High-performance sectional warping machine  
高性能分条整经机

#### ■ NOV-O-MATIC

Automatic short-warp sectional warping machine  
全自动、短整经长度的分条整经机

#### ■ MULTI-MATIC®

Automatic warp sampling machine for the production of short, medium and sample warps  
生产短、中等整经长度和样品经纱的样品整经机

#### ■ GIR-O-MATIC

Automatic warp sampling machine  
全自动样品整经机

## Technical facts

### 技术参数

	MM128 MM64	MM32
Working width 工作宽度	2,250 mm / 3,600 mm	2,250 mm
Warp length range 整经长度	35–1,500 m	35–1,050 m
Max. number of packages 最大纱筒数量	128	32
Optical yarn break detection 选配纱线断头检测器	yes 是	yes 是
Max. warping speed 最大整经速度	800 m/min 800米/分	800 m/min 800米/分
Max. leasing speed 最大分绞速度	800 m/min 800米/分	800 m/min 800米/分
Max. colour-change speed 最大换纱速度	800 m/min 800米/分	800 m/min 800米/分
Max. beaming speed 最大倒轴速度	60 m/min, 150 m/min optional 60米/分 选配150米/分	60 m/min, 60米/分
Pre-draw-off drum 预卷绕滚筒	Optional 选配	Optional 选配
Beaming tension range 倒轴张力	370–4,500 N	600–4,500 N 600–4,500 N
Layer height 纱层厚度	max. 40 mm 最厚30 mm	max. 30 mm 最厚30 mm