

WARP PREPARATION
准备设备

WARPDIRECT

The WARPDIRECT by KARL MAYER is a universal beam warping machine for staple fibre yarns

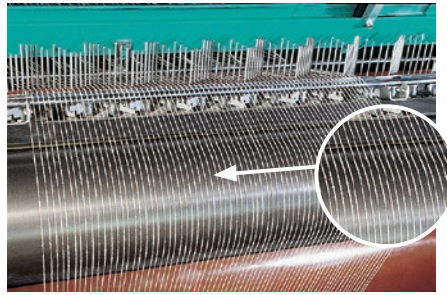
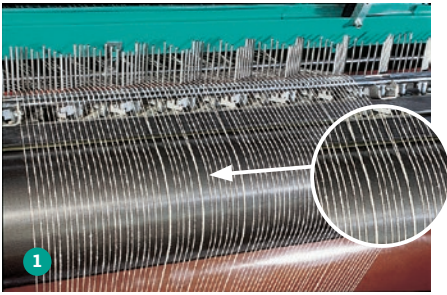
卡尔迈耶WARPDIRECT, 适用于短纤纱的直接整经机

Your benefit

- Universal beam warping machine by KARL MAYER for all staple fibre yarns
- Meets all the demands of modern textile production
- High-production performance with warping speeds of up to 1,200 m/min for best warp beam quality
- Perfect warping quality provided by intelligent press roll system and optimal yarn depositing device, meaning
 - Completely cylindrical beams
 - Precise yarn arrangement
 - Yarn- and lap-protecting kick-back function
- Same warping length for all warp beams
- Reduced maintenance costs

您的优势

- 适用于短纤纱的直接整经机
- 满足现代化纺织生产的所有需求
- 最高整经速度达到1200米/分, 提供最佳的盘头品质
- 智能型压辊系统和优质的储纱装置保证了完美的整经品质
 - 完美圆柱形的盘头
 - 精确的纱线排列
 - 压辊回弹功能防止盘头压纱
- 均匀一致的整经长度
- 较低的维护保养成本



1 Consistent optimal yarn arrangement: during stopping or starting, the threads between the shaft and the reversing roller may get crossed. During sizing this quite often results in yarn breaks. The automatic detangling function ensures that the thread arrangement is re-established immediately after start-up.

稳定、优质的纱线排列：在停机和开机的瞬间，伸缩箱与导纱辊之间的纱线可能会缠绕。这在纱线上浆时会导致断纱。自动防纱线缠绕功能确保在机器启动时纱线瞬间排列整齐。

Product features

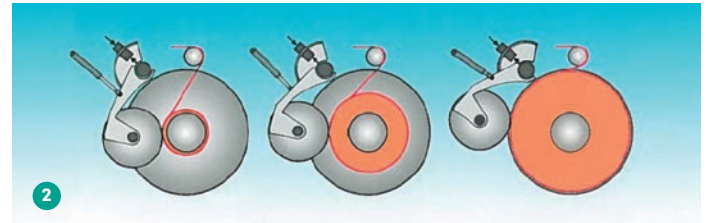
产品特点

- High-performance beam warping machine for all staple fibre yarns
- Meets all the demands of modern textile production
- Computer-controlled length measuring system provides length accuracy of 0.1 %
- Completely cylindrical beams due to precisely aligned press roll and indirect pressing system
- The indirect pressing system ensures absolutely cylindrical beams
- Lap-protecting press roll function when stopping thanks to press roll (kick-back system) swinging out of the way within seconds
- Reduced maintenance costs
- 高性能的短纤纱直接整经机
- 满足所有现代化纺织生产的需求
- 计算机控制的长度测量系统，精确度达到0.1%
- 精确控制的压纱辊和间接加压系统共同作用，形成完美的圆柱形盘头
- 间接加压系统确保形成完美的圆柱形盘头
- 当停车时，压纱辊（回弹系统）立即回摆，离开盘头表面，防止出现盘头压纱现象
- 较低的维护保养成本

Technical facts

技术参数

Working width 工作宽度	1,800–2,400 mm
Beam diameter 盘头直径	800–1,400 mm
Maximum warping speeds 最大整经速度	1,200 m/min 1,200米/分
Press roll 压纱辊	with indirect pressure system and kick-back control 配备间接加压系统和压辊回弹控制
Beam catch 盘头夹紧卡盘	Female tapered interlock, optional catch for female tapered interlock for pivot beams available for delivery 锥形联锁，选配：方便盘头运输的夹紧卡盘
Brakes 刹车	hydraulic 液压



2 Indirect pressure with active kick-back:

The increasing yarn batch on the beam shifts the pressure roll backwards against the resistance set for contact pressure. This indirectly acting pressure ensures that completely cylindrical yarn packages are achieved at all times. Since the press roll is hydraulically driven, it will swing out of the way immediately on braking. This prevents any kind of friction between roll and yarn.

间接压纱，瞬间回弹：

随着经轴直径的增加在保证接触压力的前提下驱使压纱辊后退。

间接压纱确保盘头卷绕的圆柱度。

液压式控制的压纱辊，刹车时可瞬间回弹。

这样避免压纱辊和纱线之间的额外摩擦。

Options

选配

- Dye beam option with laser application control
- Driven guide roller
- Tape tension control in combination with parallel creel
- Yarn storage unit
- CleanVAC dust protection gantry
- Integrated optical yarn control: for yarn break detection
- 加工可进行经轴染色的盘头，激光控制盘头成型
- 主动式导纱辊
- 与平行纱架配套的片纱张力控制
- 储纱装置
- CleanVAC除尘装置
- 集成的光电纱线检测：用于断纱检测