



WARP PREPARATION  
准备设备

ZM-G

## Direct warper for glass fiber yarns

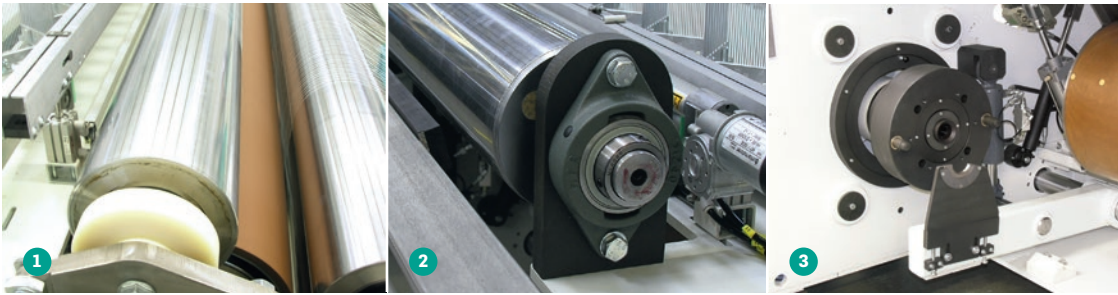
适用于玻纤的直接整经机

### Your benefit

- Meets the high demands on glass warper beams
- Compact design and easy handling
- A motor-driven three-roller set with rubberised pressure roller ensures uniform yarn tensile forces
- Continuous variance comparison by means of a tension-measuring roller so that the roller tension unit can be readjusted accordingly, resulting in optimum beam quality

### 您的优势

- 满足高要求的玻纤整经
- 紧凑的设计, 简单的操作
- 由电机驱动的四罗拉系统, 其中一个为橡胶压辊, 它们保证了均匀的纱线张力
- 张力检测罗拉持续比较偏差, 反馈给张力平衡罗拉进行张力调节, 最终生产出高品质的盘头



- 1 Three-roller set with tension-measuring roller  
三罗拉系统, 含张力检测罗拉
- 2 Deflection roller  
导纱辊
- 3 Beam chuck / lifting device  
经轴夹头 / 抬升装置

## Product features

### 产品特点

- Tension regulation via a three-roller tension unit
- Gentle yarn guiding thanks to minimum friction and optimised surfaces
- High productivity
- 三罗拉张力装置进行张力管理
- 最小的摩擦力和平滑的表面使纱线得到温和的传送
- 最高的生产力

## Technical facts

### 技术参数

Working width 工作宽度	1400 / 1600 / 1800 mm
Flange diameter 边盘直径	1016 mm
Control 控制	DNC
Max. speed 最大速度	600 m/min 600米/分
Total yarn tension 纱线张力	1200 N
Braking torque 制动力矩	1100 N
Optical fluff detector 毛羽检测器	Optional 选配
Pressure roller with kick-back 回弹式压纱辊	Optional 选配
Beam loading and doffing device 上落轴装置	Optional 选配
Static eliminators 静电消除器	Optional 选配