



WARP PREPARATION  
准备设备

## DISCTENS

### DISCTENS Electromagnetic yarn tensioner DISCTENS电磁式纱线张力器

#### Your benefit

- Self optimizing optical end break detector, connected to machine HMI
- Yarn tension compensation at start-up and over creel length
- Self-cleaning due to vertical arrangement of tensioner disc
- Tension range is increased by 30%
- The sturdy construction and the durable control system ensure reliable operation and a long service life

#### 您的优势

- 可自我优化的光学式断头检测器。该检测器与机器触摸屏相连接
- 设备启动时和在整个纱架长度上对纱线张力进行补偿
- 张力盘垂直安装，具有自我清洁能力
- 张力范围提升了30%
- 稳固的结构和耐用的控制系统保证稳定的运行和较长的使用寿命



**1** Opto-electronic stop motion sensor  
光电断纱传感器

**2** Tension discs  
张力盘

## Product features

### 产品特点

- DISCTENS is a high-precision yarn tensioner developed by KARL MAYER, perfectly tailored to meet our customers' requirements
- Each tensioner is digitally controlled to generate a precise yarn tension
- Easy operation and very good handling
- DiscTens是一款由卡尔迈耶研发的高精度纱线张力器, 能满足客户的不同需求
- 每个张力器通过数字化技术控制, 从而产生精确的纱线张力
- 操控简单

## Technical facts

### 技术参数

Creel with 纱架	6 or 8 tiers 6或8层
Yarn tension range 纱线张力范围	3–95 cN
Draw-off speed 退绕速度	up to 1,000 m/min 最快1000米/分
Yarn count 纱线细度	4–100 Ne