

WARP PREPARATION  
准备设备

## MULTITENS

**Yarn tensioner for parallel creels: ensures flexibility and reproducible quality**  
用于平行纱架的纱线张力器: 确保灵活和高品质的加工

### Your benefit

- By means of yarn-efficient yarn guiding and tension control it is possible to obtain up to 5% more efficiency in weaving
- Highest yarn tension uniformity results in a reduced yarn breakage rate in sizing
- Outstanding flexibility thanks to trouble-free processing of different yarns in the same warp
- Highest availability due to KARL MAYER teleservice
- Reduced set-up times in warping/weaving by compensating for different run-off properties

### 您的优势

- 通过高效的导纱和张力的控制, 可以提升5%的织造效率
- 均匀的纱线张力降低浆纱过程中的纱线断头率
- 杰出的灵活性, 可轻松加工各种不同纱线
- 卡尔迈耶Teleservice让设备拥有最佳的可用性
- 通过不同的送纱补偿, 减少整经/织造工艺的设置时间

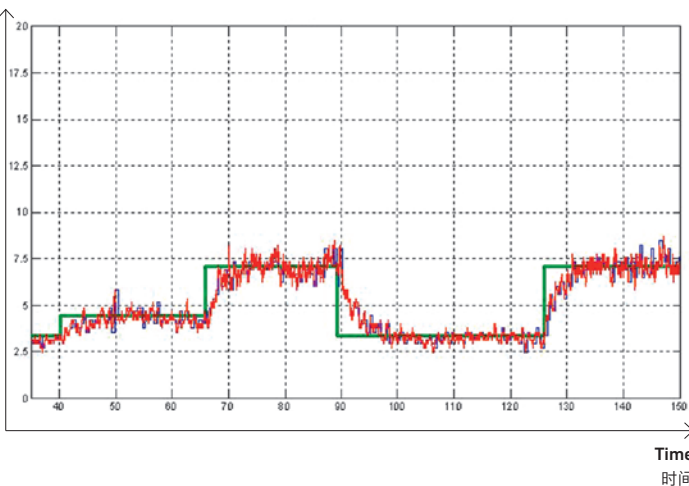


- 1 Operating and control unit  
操作和控制面板
- 2 Sensors  
传感器
- 3 Yarn tensioner(s)  
张力调节器

## Product features 产品特点

- Motor-driven single-end yarn tensioner for universal applications
- Individually regulated yarn tension selectable between 4 and 200 cN
- Integrated end break detector as well as stop motion for tight yarns and loose yarns
- 电机驱动的纱线张力器可控制单根纱线
- 单根纱线张力在4到200cN之间调节
- 集成纱线断头检测器和自停装置

## Yarn tensile strength 纱线张力



- Nominal tension  
规定张力
- Actual tension  
实际张力

## Technical facts 技术参数

Application fields 应用领域	Spun yarns, BCF yarns, technical multifilaments and filaments as well as textile filament yarns between 22 dtex and 10,000 dtex 短纤纱, BCF纱, 产业用纱线, 以及22dtex至10000dtex间的纺织纱线
Yarn tension range 纱线张力范围	<ul style="list-style-type: none"> <li>- Sensor type 300 cN: 6-200 cN (standard equipment)</li> <li>- Sensor type 50 cN: 3-40 cN (special equipment)</li> <li>——传感器型号300 cN: 6-200 cN (标准)</li> <li>——传感器型号50 cN: 3-40 cN (特殊)</li> </ul>
Speed 速度	Max. theoretical speed - Yarn tension 6-180 cN - Yarn tension > 180 cN Depending on yarn tension: - max. 800 m/min - max. 700 m/min 最大理论速度 - 纱线张力 6-180 cN - 纱线张力 > 180 cN 取决于纱线张力: -最大800米/分 -最大700米/分
Maximum number of positions 最多可容纳的纱筒数	1536