



KARL MAYER

WE CARE ABOUT YOUR FUTURE



WARP PREPARATION
准备设备

MEGATENS

The MEGATENS thread tensioner is the optimal thread tensioner for coarse filament and spun yarn used in the technical and textile sector

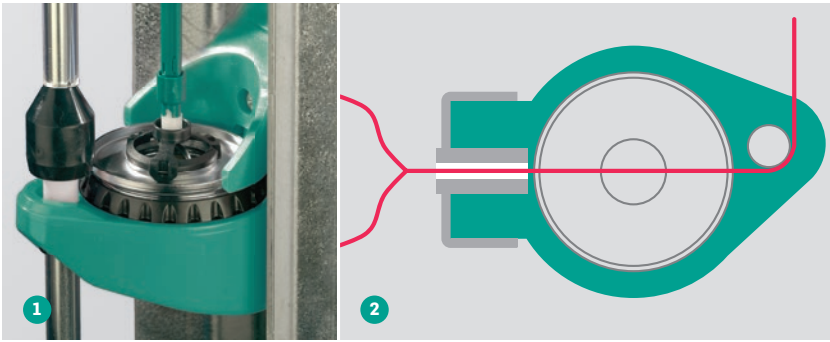
MEGATENS 纱线张力器, 适用于粗纱和短纤纱, 是纺织行业特别是产业用领域的优质纱线张力器

Your benefit

- Optimal thread tensioner for coarse filament and spun yarns used in the technical and textile sector
- Reliable thread tension distribution and gentle thread treatment due to large plate bearing area and large reversing radius at plate exit (driven reversing pivots)
- Minimum friction while maintaining high thread tension
- Optimal thread tensioner for staple fibre yarns with high dust generation
- Dust accumulation at the thread tensioner is prevented by open design and intermittent single blow-off device
- Quiet yarn line even for rigid and uneven yarns due to gentle reversing radii

您的优势

- 纺织行业特别是产业用领域的优质纱线张力器, 适用于粗纱和短纤纱
- 较大的圆盘加压区域和纱路导向半径 (主动式导纱杆), 这确保了可靠的张力控制和温和的纱线加工
- 保持较高纱线张力的同时最小化摩擦力
- 优质的纱线张力器, 适用于出尘量较高的短纤纱
- 开放式的设计和间断式吹风装置防止纱线张力器上灰尘的积聚
- 柔和的纱路导向半径让纱线运行平稳, 包括无弹和不均匀的纱线



- 1 MEGATENS tensioner
MEGATENS张力器
- 2 MEGATENS yarn line cross section
MEGATENS纱线路径的剖面图

Product features

产品特点

- Disc thread tensioner with large disc pair for all types of yarn with medium to high yarn count
- Central tension adjustment on creel for adjusting desired thread tension
- Particularly useful for coarse (technical) yarns susceptible to friction
- Central routing allows safe running inside thread tensioner for even the coarsest of yarns
- Single blow-off device provides clean environment for tensioner by intermittent blow-off impulses. The blowing intervals can be adjusted, allowing optimal coordination of cleaning effect and air consumption
- 配备一对大圆盘的圆盘式纱线张力器，适合中等到较粗的纱线
- 纱架上的中央张力调节装置用来设定所需的张力
- 特别适用于易受摩擦影响的粗纱（产业用纱线）
- 圆盘中心导纱装置确保粗纱可以安全地通过纱线张力器
- 吹风装置间断式工作，给张力器提供干净的运行环境。吹风间隔时间可设置，在清洁效果和空气消耗量之间找到最佳平衡点

Technical facts

技术参数

- Yarn count: 100 dtex up to 20,000 dtex
- Central tension adjustment
- Central routing (optional)
- Driven reversing pivots
- Integrated single blow-off device at every tensioner position
- Enclosed pressure elements (dust-proof) for every thread tensioning section
 - blue: 7–70 cN
 - red: 17–170 cN
 - black: 25–250 cN
 - yellow: 35–500 cN
- Disc types: Glossy and satin finish
- Constant tension conditions and adjustable creel length compensation
- 纱线细度: 100 dtex到20000 dtex
- 中央张力调节
- 圆盘中心导纱装置（选配）
- 主动式导纱杆
- 在每个张力器位置配有独立的吹风装置
- 每个纱线张力器配有加压元件（防尘）
 - 蓝色: 7–70 cN
 - 红色: 17–170 cN
 - 黑色: 25–250 cN
 - 黄色: 35–500 cN
- 张力盘: 抛光和磨砂
- 恒定的张力条件和可调节的纱架长度补偿