

TECHNICAL TEXTILES
产业用纺织品

UD 500

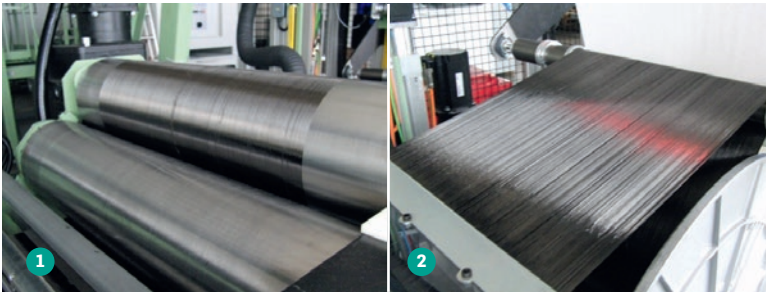
Fibre-spreading assembly unit for the production of unidirectional fibre tapes 用于生产单向纤维条带的展纤生产线

Your benefit

- High quality of unidirectional tapes
- High flexibility
- Modular machine concept
- Customised configuration
- Integration of various spreading principles

您的优势

- 高品质的单向纤维条带
- 更高的灵活性
- 模块化设计理念
- 定制化配置
- 集成多种展纤理念



1 Take-up roller system – Omega drive
牵拉系统- Omega结构

2 Spread carbon fibre tape – 500 mm width
碳纤维条带- 500mm幅宽

Product features

产品特点

- Production of spread tapes made out of carbon fibres and glass fibres
- Spreading of carbon fibres in a range from 12K up to 60K
- Fixation of the tapes with adhesive grids or powder
- Tape width up to 500 mm
- 可生产碳纤维或玻璃纤维条带
- 可加工12K到60K的碳纤维
- 可用粘性网布或粉末固定条带
- 最大条带幅宽500mm

Technical facts

技术参数

| | |
|-------------------------|--|
| Working width 工作幅宽 | 1 × 500 mm (20") or 2 × 250 mm (10") 1 × 500 mm (20")或2 × 250 mm (10") |
| Area weight 单位面积重量 | From 70 gsm up to 400 gsm 70克/平米-400克/平米 |
| Modules 模块 | Powder scattering system Grid feeding system from above and below Heat fixation module Individual spreading cassettes Individual spreading zone for 12K / 24K Carbon fibres 撒粉系统 网格喂入系统置于上方和下方 热定型模块 独立的展纤箱 适合12K到24K碳纤维的独立展纤区域 |
| Take-up device 牵拉装置 | Take-up roller system – Omega drive 牵拉系统- Omega结构 |
| Batching device 卷取装置 | Batching device with centre winding, beam diameter up to 30" 中心卷取, 盘头直径最大30" |
| Creel system 纱架 | Tangential unwinding creels, tension controlled yarn let-off 切线式退绕的纱架, 退绕张力可控 |

