

## EXTRUSION LINE FOR TECHNICAL MONOFILAMENTS

Monofilament yarns are used for technical fabrics, such as paper making cloth, screen printing, filtration & sieving, automotive, conveyor belt, hook & loop, narrow fabrics, for brush & broom, for concrete reinforcement, for twine/rope, nets and industrial fields.

As a solutions provider our portfolio includes not only the extrusion line, but also downstream equipment such as winder.

Using our machines and equipment you will convince your customers with high yarn tenacity, low maintenance costs, high efficiency as well as even and high yarn quality.

Technical monofilament for special use, such as paper cloth making cloth, screen printing, filtration & sieving, automotive, conveyor belt, Hook & Loop, Narrow fabrics

### Main features

- from PA, PET, PP, PBT, PLA
- Boxuan systems can process almost all polymers due to flexible line concept
- excellent roundness
- sectional heating spin head assures excellent diameter tolerances
- low shrinkage

Raw materials	PET, PA, PE, PP, PLA, PVDF, ABS etc. Other resins possible Virgin and recycling materials possible
Output	100 kg/h – 140 filaments 200 kg/h – Bristles – 2.000 filaments 400 kg/h – concrete fibres – 12.000 filaments The number of filaments is depending on the size of the filaments. The given numbers are typical numbers which can vary
Production speeds	up to 400 m/min
Working widths	600 mm – 100 kg/h 800 mm – 100 kg/h 800 mm – 200 kg/h 1.000 mm – 400 kg/h
Extruder sizes	Single screw: 60 mm – 100 kg/h 80 mm – 200 kg/h 100 mm – 300 kg/h 120 mm – 400 kg/h
Output depending on number of filaments and resins	
Shapes	round, rectangular, oval Other shapes (e.g. star shape, hollow fibres etc.) are possible
Specialties	Multilayer filaments Bico (Two layers) Trico (Three layers) Special compounds

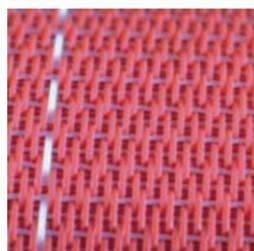


# 高性能单丝拉丝机

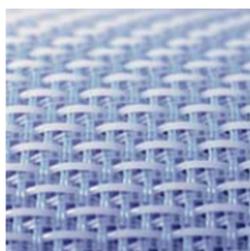
单丝产品用于造纸网（成型网、干网、压榨毛毯），丝网印刷，过滤分离，汽车行业（间隔织物、编织绳，轮胎帘子布），传送带，搭扣带，窄幅织物等。

## 主要特点

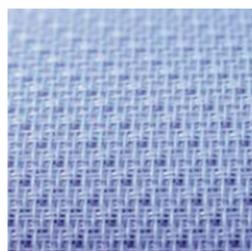
- 单丝原料采用PA, PET, PP, PBT, PLA...
- 鑫博轩拉丝机组灵活的生产线组合几乎可以加工所有聚合物。
- 单丝优异的圆度
- 分区加热纺丝头可以达成线径公差的高精密控制
- 低收缩率



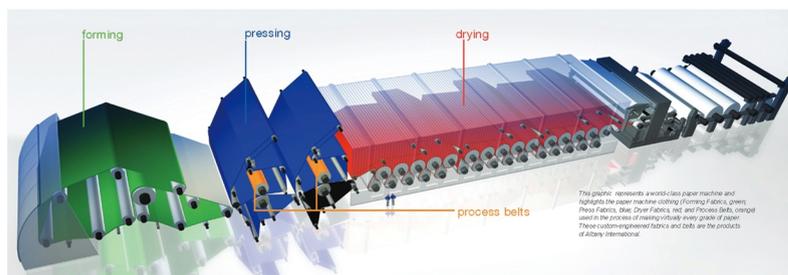
PET 干网 drying



PA6 成型网 forming



PET成型网forming



- 原料:** PET, PA, PE, PP, PLA, PVDF, ABS 等。  
其他树脂也可  
新料或回收料
- 产量:** 100 kg/h – 140 单丝  
200 kg/h – 刷丝 - 2000 根单丝  
400 kg/h – 建材用纤维 – 12000 根单丝  
单丝数量取决于丝径。以上数据依据经验  
产量与原料相关
- 生产速度:** 可达600 m/min
- 工作面宽度:** 400 mm – 100 kg/h  
800 mm – 100 kg/h  
800 mm – 200 kg/h  
1000 mm – 400 kg/h
- 螺杆设计:**  
单螺杆: 60 mm – 100 kg/h  
80 mm – 200 kg/h  
100 mm – 300 kg/h  
120 mm – 400 kg/h
- 形状:** 圆形, 方形, 椭圆形 其他 (如星型, 中空纤维等.)
- 特殊:** 复合丝 双组份 (两层) 三组份 (三层)
- 其他 / 多种生产线组合