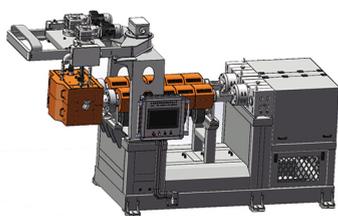


# 双组分单丝挤出技术

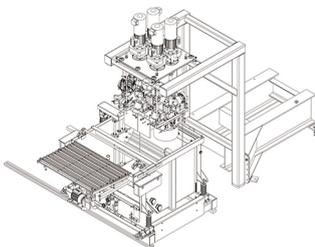
鑫博轩设计制造高技术含量的双组分挤出系统用于生产皮芯单丝。设备可以加工多种塑料原料也包含一些加工难度高的材料。

## 主要特点

- 双挤出机与复合纺丝头组合可加工功能性纺织材料
- 可充分发挥聚合物的特性
- 可提供生产机型及试验机型加工单丝
- 能加工双组分单丝，比如皮芯丝



单模头双组分挤出机组



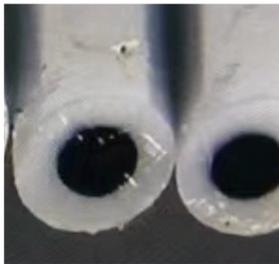
双模头双组分挤出机组



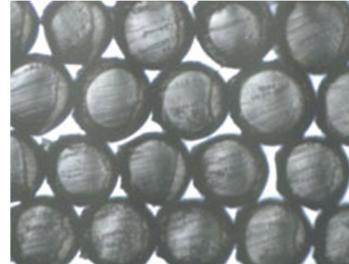
双组分模头



双组分组件



TPEE双组分单丝



双组分单丝截面

## 双组分挤出设备的典型应用

采用鑫博轩双组分挤出设备加工的皮芯丝有广泛的技术应用:

- 功能性纺织材料
- 生物医药材料
- 合成材料
- 过滤应用
- 非织造及针织布



TPU皮芯丝



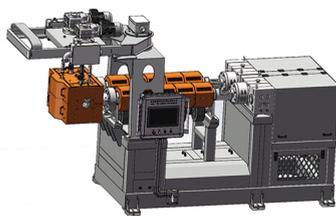
TPU皮芯丝应用

## Bi-Component melt spinning

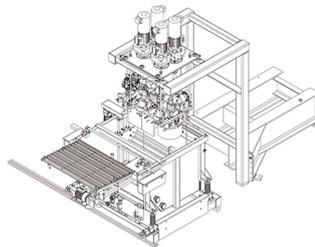
XBX designs and manufactures high technology bi-component extrusion systems for the production of conjugate technical filaments. Equipment is available to produce from a variety of polymer types including difficult to process materials.

### Main features

- Conjugate melt spinning a tool for engineering functional textile materials
- Allows maximization of polymer properties
- Available for monofilament in both production and pilot scale
- Capable of producing a bi-component types, such as sheath core



Extruder with single spin head



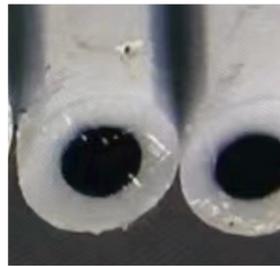
Extruder with double spin head



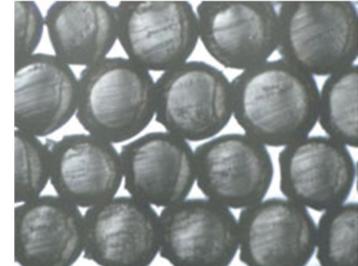
Double spin head



Die pack



Bico-TPEE monofil



Section of Bico-monofil

### Typical applications of bi-component extrusion equipment

Conjugate Yarns made on XBX systems are used for a variety of technical applications

- Functional textile materials
- Bio medical materials
- Yarns for composite materials
- Filtration applications
- Woven and knitted fabrics



TPU monofilament



Application of TPU monofil