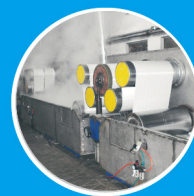




## CHEN CHENG MACHINERY

PSF STAPLE FIBER LINE 再生涤纶短纤生产线  
PP STAPLE FIBER LINE 丙纶短纤生产线  
BI-COMPONENTS FIBER LINE 双组份纤维生产线  
PET WASHING LINE 清洗线  
FINISHER & ANNEALER 反应釜及紧张热定形机



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**江苏宸成机械科技有限公司**  
Jiangsu Chencheng Machinery Co. Ltd.

## Introduction 公司简介



江苏宸成机械科技有限公司位于长三角美丽的海港城市-张家港市。交通便利，工业发达。  
江苏宸成机械科技有限公司具有开拓创新的视角，致力于开发，设计，生产；国内销售及国际出口再生涤纶短纤生产线，丙纶短纤生产线，双组份短纤生产线，涤纶，锦纶单丝生产线及相关配套设备；及生产设备的售后安装，开车等服务。  
江苏宸成机械科技有限公司拥有知识和经验丰富的设计，生产和服务团队。这个是我们提供无与伦比的产品品质和售后服务的保证。  
我们崇尚优良质量和高效率，及时快速回馈客户以赢得客户的信任。我们期望和世界各地客户开展长期友好的合作。

Jiangsu Chencheng Machinery Co. Ltd. locates in the beautiful seaport city-Zhangjiagang of Changjiang Triangle Economic Zone. Its transportation is very convenient by means of road, train and ship. Its industry is developed.

Jiangsu Chencheng Machinery Co. Ltd. has the creative view, and is dedicated to development, design, production; in home and international export of recycle polyester staple fiber production line, polypropylene staple fiber production line, bi-components staple fiber production line, polyester, polyamide monofilament production line and their auxiliary equipments; and the installation startup etc service of above production line.

Jiangsu Chencheng Machinery Co. Ltd. has knowledge and experienced team in design, production and service. This guarantees our unmatched quality products and excellent services to our customers.

We trust in high quality and high efficiency, and act swiftly and timely to gain trust of our customers.

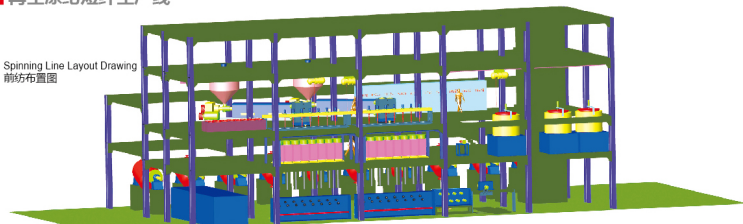
We sincerely hope to have long term and friendly cooperation with customers from all over the world.





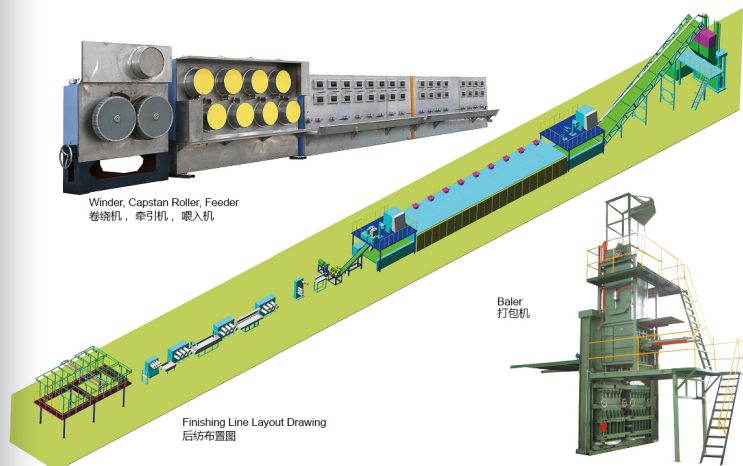
## Recycle Polyester Staple Fiber Production Line 再生涤纶短纤生产线

Spinning Line Layout Drawing  
前纺布置图



The recycle polyester staple fiber production line can be used to produce both solid fiber and hollow conjugated fiber from the recycle material such as pet flake, pet popcorn, pet lump, pet film as well as virgin chip etc.  
The capacity of the line: 10tpd to 100tpd.  
Products Specification: Solid Fiber (0.8D-15D)  
Hollow Conjugated Fiber (3D-15D)

再生涤纶短纤生产线可以被用来生产普纤和中空卷曲纤维。原料可以为瓶片，废料，浆块，片材和原生切片等。  
生产线产量：每天10吨到每天100吨。  
产品规格：普纤 (0.8D-15D) 中空卷曲纤维 (3D-15D)



Winder, Capstan Roller, Feeder  
卷绕机，牵引机，喂入机

Baler  
打包机

Finishing Line Layout Drawing  
后纺布置图



Spinning Line Factory Photo  
前纺生产线照片



Finishing Line Factory Photo  
后纺生产线照片

Polypropylene Staple Fiber Production Line  
丙纶短纤生产线



Polypropylene Staple Fiber Production Line  
丙纶短纤生产线

The polypropylene staple fiber production line can be used to produce both polypropylene staple fiber the virgin chip etc.  
The capacity of the line: 10tpd to 30tpd.

Products Specification: Solid Fiber (1.5D-15D)

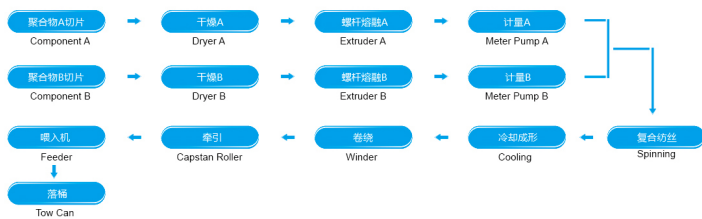
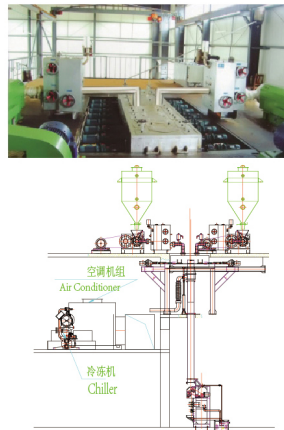
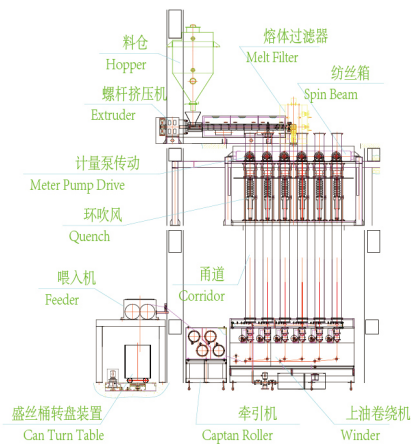
丙纶短纤生产线可以被用来生产普纤。原料可以为原生切片等。  
生产线产量：每天10吨到每天30吨。  
产品规格：普纤 (1.5D-15D)

Pneumatic Conveyer 气动上料	Steam Box 蒸汽加热箱
Hopper 料仓	Drafter III 三道牵伸机
Material Mixing System 混料系统	Preheating Steam Box 蒸汽预热箱
Extruder 螺杆挤压机	Crimper 卷曲机
Filter 过滤器	Belt Conveyer 皮带输送机
Spin Beam 纺丝箱体	Spreading Machine 摆丝机
Quench环吹风	Relaxing Heat Oven 烘箱
Winder 卷绕机	Tension Machine 张力机
Drafter I 头道牵伸机	Cutter 切断机
Draw Bath 牵伸浴槽	Pneumatic Conveyer 风送系统
Drafter II 二道牵伸机	Baler 打包机



## Bi-components Staple Fiber Production Line 双组分短纤生产线

### ● Spinning Line 前纺生产线



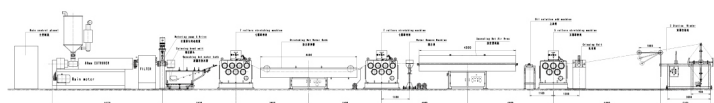
### ● Finishing Line 后纺生产线

Bi-Component fibers can be used very extensively. There are various types of fibers which include split-type, self-adhesive, conductivity and other modified types, and they are in various cross-sectional shapes such as Side-by-side, sheath core, and sea-island. A typical melt-spun bi-component fiber process flow is as follows:

复合纤维的用途非常广泛，按性能可分为分裂型、自粘型、导电型及各种改性纤维，按截面形状可分为：并列型、皮芯型、海岛型等，一般熔纺复合纤维的设备工艺如下



## Monofilament Production Line 单丝生产线



### Monofilament Production Line 单丝生产线

The monofilament production line can be used to produce monofilament for production of tooth brush, broom, zipper, fishing line, manmade hair etc.  
单丝生产线可以用来生产牙刷丝, 扫把丝, 拉链丝, 鱼线丝, 假发丝等。

The raw material can be: Nylon, Pet, PVC etc.  
原料可为: 尼龙, 聚酯, 聚氯乙烯等。

## INTRODUCTION 清洗线



### Washing Line 清洗线

The washing line can be used to crush and wash the pet bottle to produce clean pet flake for polyester staple fiber production line.  
清洗线可以被用来破碎和清洗PET瓶, 用以生产用于涤纶短纤生产使用的干净的瓶片。

Washing line capacity: 1tons per hour, 2tons per hour, 3tons per hour, 4 tons per hour etc.

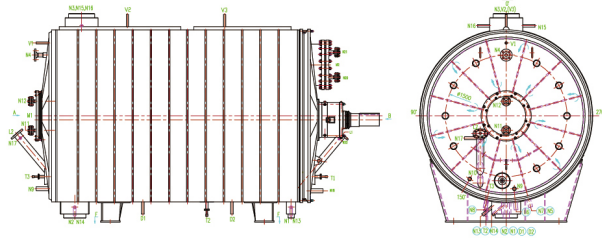
清洗线产量: 每小时1吨, 每小时2吨, 每小时3吨, 每小时4吨等。



## Finisher 反应釜

The finisher is an advanced and reliable equipment and technique. It can work with raw material like pet popcorn material, pet flake etc. The material can be melt through extruder, and purified through melt filter, and then the material can get in the finisher. The finisher is used to remove the low melting material, and to increase viscosity and homogenization through polyester condensation process, and then the material can be used to recycle polyester staple fiber production.

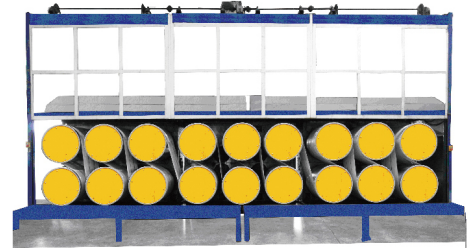
反应釜是先进可靠的工艺技术和设备，以回收泡泡料、瓶片等为主要原料。通过螺杆熔融、过滤除杂、连续缩聚增粘及均化的工艺路线生产聚对苯二甲酸乙二醇酯熔体，即纤维级PET熔体，熔体供直纺棉型短纤维色丝。



## Annealer 紧张热定型机

The annealer is used to increase the tenacity and to reduce the elongation of the fiber in the finishing line. The rollers of annealer are heated. The working temperature of the rollers with fiber tow is 180 Celsius, the fiber tow will be cooled immediately after the heating to improve the tenacity and reduce the elongation.

紧张热定型机用于涤纶短纤生产线的后纺部分，用于增加纤维强力，减少纤维热收缩。紧张热定型机的辊筒加热。辊筒的带纤维丝束工作温度是180摄氏度。纤维丝束在加热后迅速冷却以提高纤维强力，减少纤维热收缩。

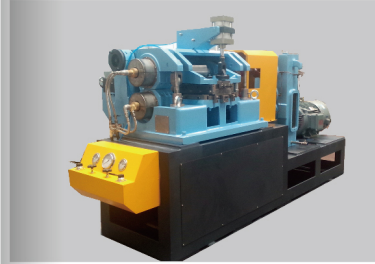




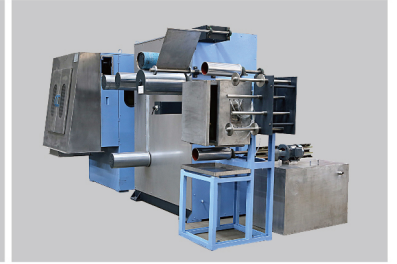
Vacuum Dryer 真空干燥机



Continuous Dryer 连续干燥机



Crimper 卷曲机



Cutter 切断机



Extruder 螺杆挤压机



Filter 过滤器



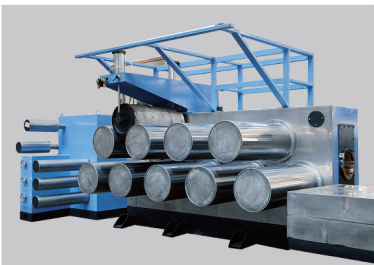
Vacuum Cleaner 真空清洗炉



Spin Pack Assembly Machine 组件拆卸台



Feeder 喂入机



Drafter 牵伸机



Spin Pack 组件



Spinneret 喷丝板