

Pioneer of Polyester Staple Fiber Production Technology



BoReTech[®]
PET Recycling Equipment

Polyester Staple Fiber Production Line Supplier

www.bo-re-tech.com

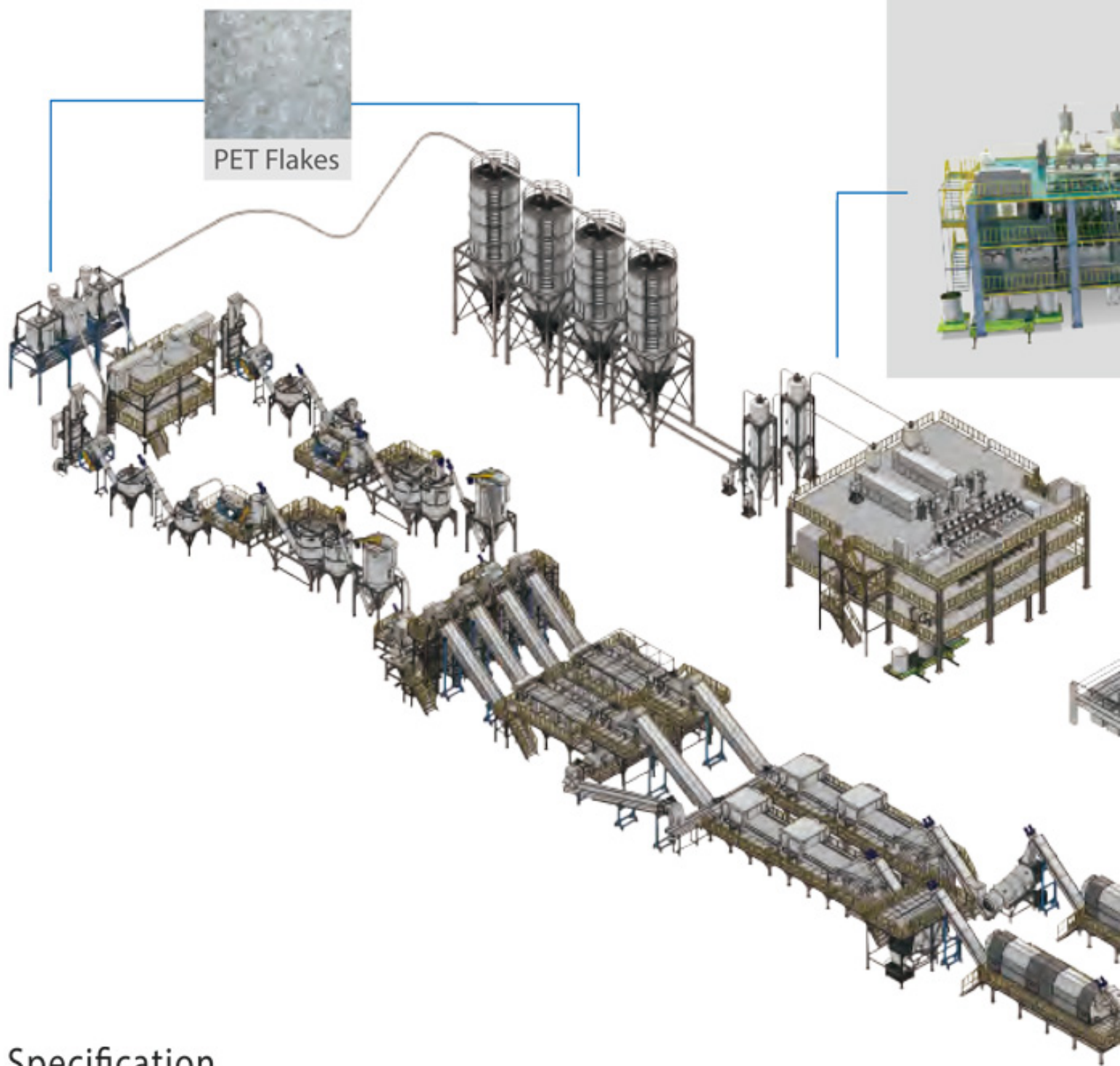
Reference Project

We Wish You to be
Our Next Cooperator

Service

- Investment feasibility analysis.
- Project planning and equipment configuration.
- Whole plant design:
Including the main process, subsystem engineering, utility engineering.
- Process assurance and staff training.
- From basic design to turnkey project.





Specification

Fiber Type	Specification	Capacity	Application
Filling Fiber	6D, 7D, 15D	20-100 T/D	Pillows, Cushions, Mattress etc
	Length: 32, 64 mm		
Cotton Fiber	1.0D, 1.2D, 1.5D	20-100 T/D	Polyester Yarn, make PC yarn with cotton
	Length: 38, 64, 51 mm		
Non-woven Fiber	2.5D, 3D, 4-15D	20-100 T/D	Non-wovwn fabric for shoes, geotextile, bags, carpets, liner, leathers etc
	Length: 32-102 mm		

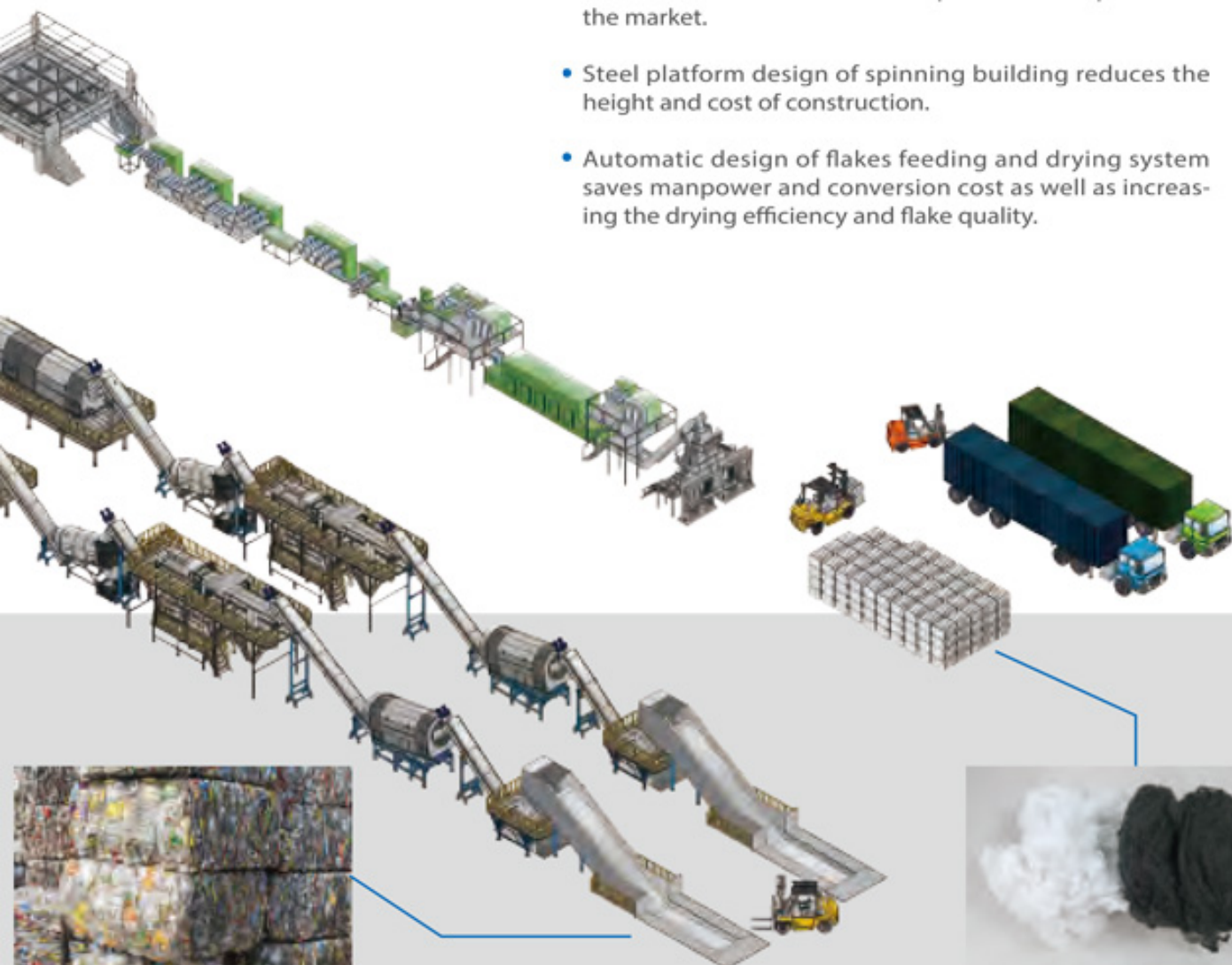


Steel Structure

Polyester Staple Fiber Production Line

Boretech's Engineering Characteristics

- One-stage service from PET bottle to Polyester staple fiber (PSF) ensures the final quality.
- With the highest optimization of proposal to reduce the cost of project and achieve the maximum benefits.
- Fully integrate the market resource, production technology and engineering experience into practical production system, and implement the technology transfer. Various Products would conform to the requirement of the customers and increase the competitive of the product in the market.
- Steel platform design of spinning building reduces the height and cost of construction.
- Automatic design of flakes feeding and drying system saves manpower and conversion cost as well as increasing the drying efficiency and flake quality.



Bottle Bale



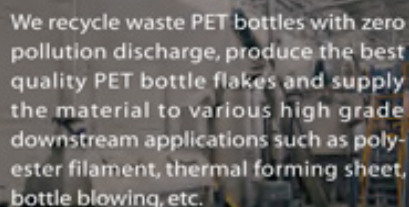
PSF

About Boretech

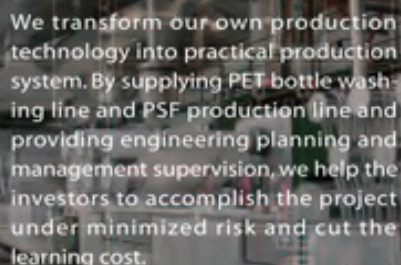


Enterprise Philosophy

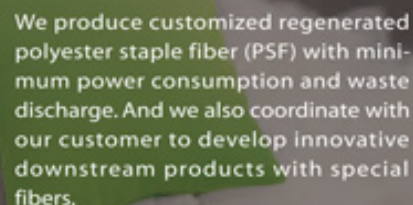
For contributing responsibility of environmental protection for our earth on purpose, we began to recycle PET bottles since 1991 as our lifework; our environmental protection business was started therefore. With 20 year's effort, we accomplished three primary developments step by step.



We recycle waste PET bottles with zero pollution discharge, produce the best quality PET bottle flakes and supply the material to various high grade downstream applications such as polyester filament, thermal forming sheet, bottle blowing, etc.



We transform our own production technology into practical production system. By supplying PET bottle washing line and PSF production line and providing engineering planning and management supervision, we help the investors to accomplish the project under minimized risk and cut the learning cost.



We produce customized regenerated polyester staple fiber (PSF) with minimum power consumption and waste discharge. And we also coordinate with our customer to develop innovative downstream products with special fibers.

Due to limitation of transportation distance and domestic regulation for PET bottle recycling, we concentrate on supplying recycling equipment and engineering. We expect to develop together with the worldwide PET bottle recyclers and dedicate to save energy for our environment.

Company Milestone

- 1991** Set up the PET bottle recycling plant which is specialized in manufacturing high quality PET flakes.
- 1994** "Hangzhou An shun Pettechs Fibre Co., Ltd." registered in Fuyang City, Zhejiang, China, to produce recycle polyester staple fiber (PSF).
- 2000** Set up "Jiaxing Guangshun Fiber Pettechs Fiber Co., Ltd." in Pinghu City, Zhejiang, transfer Taiwanese technology to recycle Chinese waste PET bottles and providing the raw materials of PSF.
- 2004** Set up the "Zhejiang Boretech Co., Ltd." specializing for PET bottle recycling, provide equipment manufacture and engineering service of PET bottle washing line and PSF production line, pelletizing, SSP, PET thermal forming based on turnkey basis.
- 2013** Set up the "Boretech Resource Recovery Engineering LLC." specializing for producing PET flakes.
- 2014** More than 100 PET bottle recycling lines and PSF production lines provided by BORETECH are running in the world.





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