

塑料清洗造粒生产线
PLASTIC **WASHING**
GRANULATING SYSTEM
TURN YOUR WASTE INTO PROFIT



PULIER 普利尔
PLASTIC CLEANING PRODUCTION LINE

张家港普利尔机械有限公司
ZHANGJIAGANG PULIER MACHINERY CO.,LTD

地址：张家港市锦丰镇锦兴路

Add:Jinfeng Town,Zhangjiagang City,Jiangsu,China

Tel:+86 512 56955035

Fax:+86 512 56955035

E-mail: Ly@prslzssb.com

WEB: www.pulierjx.com

PULIER 普利尔
PLASTIC CLEANING PRODUCTION LINE

ABOUT OUR

普利尔有限公司成立于2015年（原名为普瑞塑料再生设备有限公司，2020年更名为普利尔机械有限公司），公司成立伊始就着力于研究、开发塑料造粒、清洗设备。凭借着30年的从业经验以及不懈的努力和追求；从工艺设计到挤出系统的解决方案都已具备了丰富的经验和日臻完善的专业技术。

PULIER最大限度的承诺，我们向您提供质量可靠、操作简单、价格合理的设备，完善的工艺方案，及时的售后服务。实至名归地成为您最可信赖的合作伙伴。

客户是我们最尊敬的主顾，您的要求在这里将得到全方位的尊重。

PULIER MACHINERY CO.,LTD. is specialized in the production and research of plastic granulator, plastic washing crushing drying equipment. The main goal of PULIER plastic & Rubber machinery is to supply products of a constant high quality. Many years of experience and modern testing facilities guarantee our customers top quality products.

PULIER meet all these requirements with qualified,experienced,at the service of satisfied customers and successful corporate development through sustainable realisation of profits.

Respected customers,we will treat your requirements seriously.

**持续创新，
合理的价格和一流的质量**

CONTINUOUS INNOVATION,
HIGHEST ECONOMICS AND BEST QUALITY

WE CAN DO



PP/PE FILM,PP WOVEN BAG RECYCLING SYSTEM

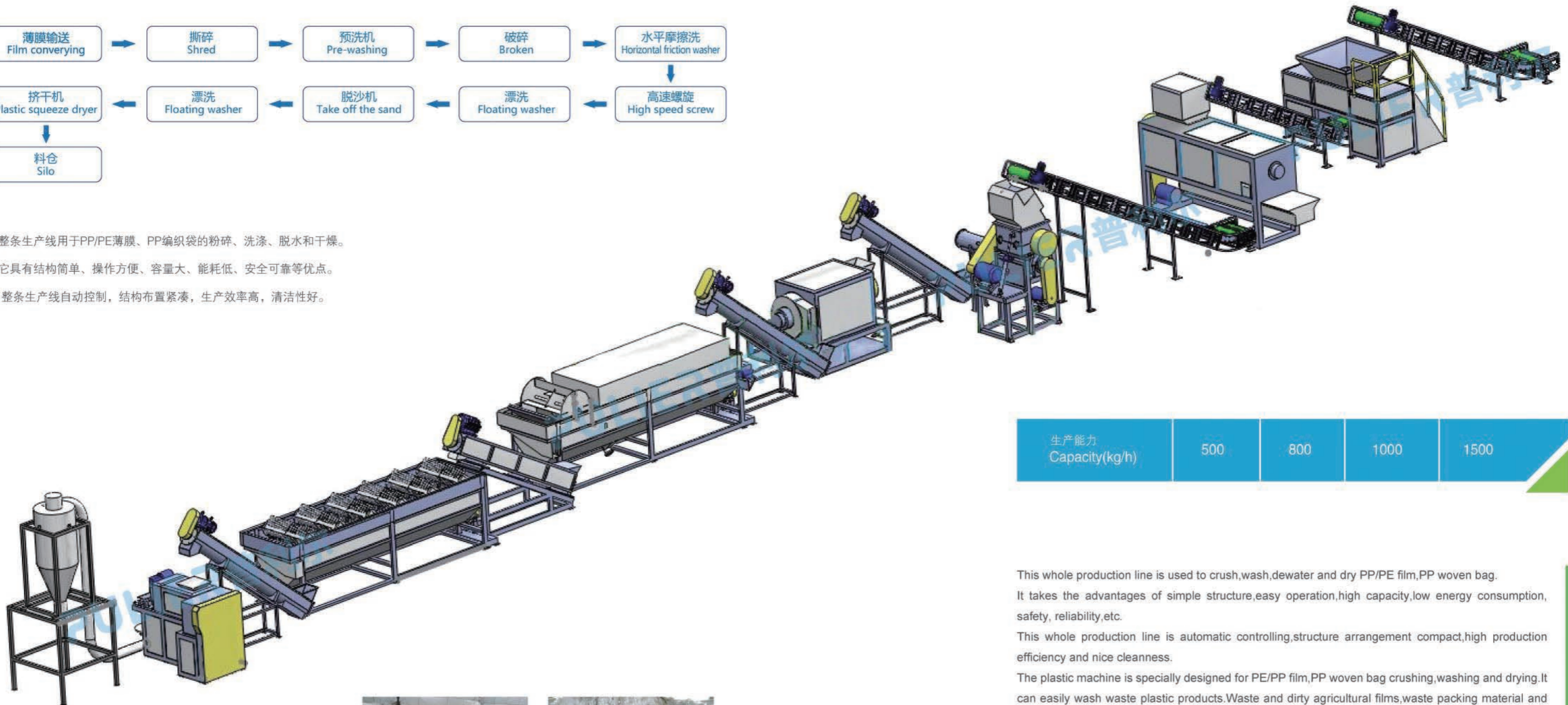
PP/PE薄膜编织袋回收清洗系统



整条生产线用于PP/PE薄膜、PP编织袋的粉碎、洗涤、脱水和干燥。

它具有结构简单、操作方便、容量大、能耗低、安全可靠等优点。

整条生产线自动控制，结构布置紧凑，生产效率高，清洁性好。



生产能力 Capacity(kg/h)	500	800	1000	1500
------------------------	-----	-----	------	------



This whole production line is used to crush, wash, dewater and dry PP/PE film, PP woven bag. It takes the advantages of simple structure, easy operation, high capacity, low energy consumption, safety, reliability, etc.

This whole production line is automatic controlling, structure arrangement compact, high production efficiency and nice cleanness.

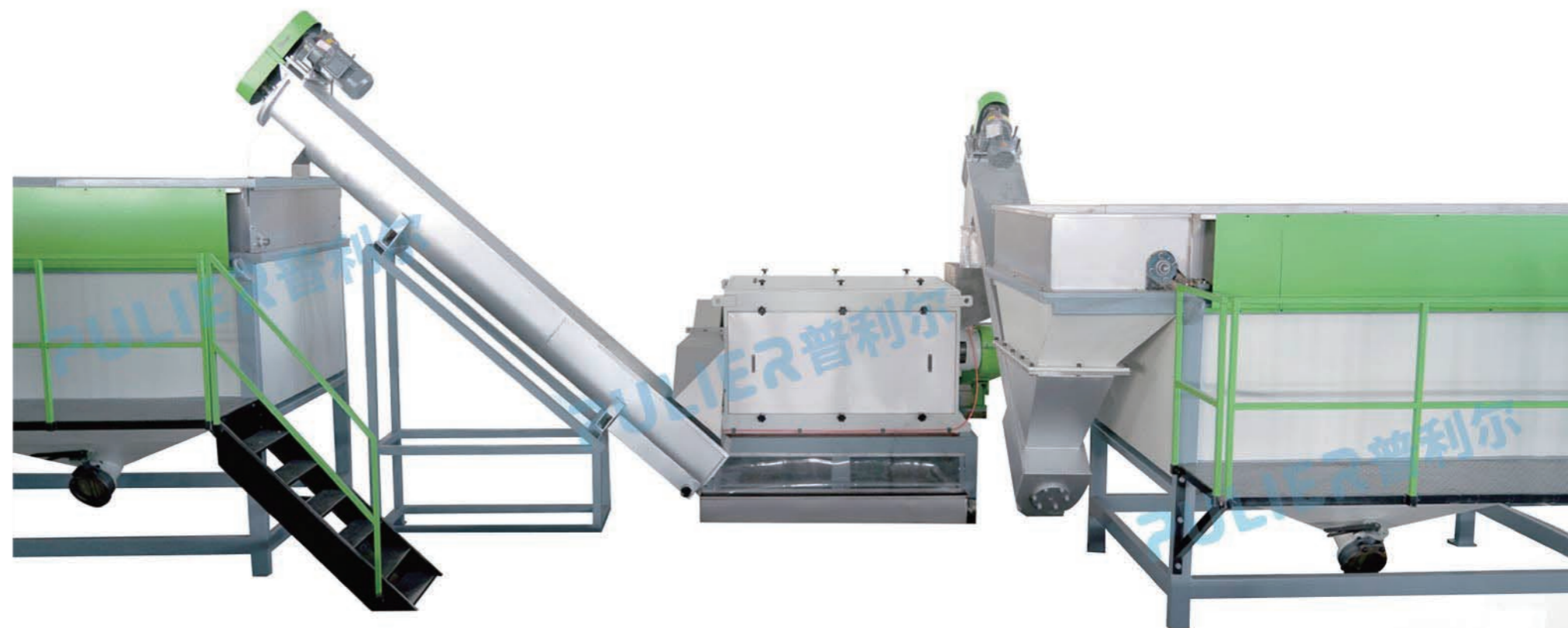
The plastic machine is specially designed for PE/PP film, PP woven bag crushing, washing and drying. It can easily wash waste plastic products. Waste and dirty agricultural films, waste packing material and hard plastics can be treated step by step with this facility.

The production line is used for washing and recycling of PE/PP films, PP woven bag. Coordinating the production line with follow programmed work (granulating system), and it will make waste and dirty PE/PP films, PP woven bag to be the PE/PP films, PP woven bag granule material and in order to producing new PE, PP films.

PP/PE FILM,PP WOVEN BAG RECYCLING SYSTEM

PP/PE薄膜编织袋回收清洗系统

- ◇ 脱水机去除前道漂洗槽的脏水、泥沙、纸浆等，保证后续漂洗槽里的水是干净的，提高清洗效果。
- ◇ 脱水机转速1200rpm，运转平稳，噪音低。
- ◇ 两台挤干机产量达到1500-1800kg/hr
- ◇ 干燥度≤5%。



- ◇ The dewatering machine removes dirty water, soil and pulp from previous floating washing tank, so as to ensure the water in the subsequent washing tank is clean thus improve the cleaning effect.
- ◇ The speed of the dewatering machine is 1200rpm, running smoothly and low noise.
- ◇ The total output of two squeezer dryers: 1500-1800kg/hr.
- ◇ The final moisture is ≤5%.

PP/PE FILM,PP WOVEN BAG RECYCLING SYSTEM

PP/PE薄膜编织袋回收清洗系统现场



PP/PE FILM,PP WOVEN BAG RECYCLING SYSTEM

PP/PE薄膜编织袋回收清洗系统

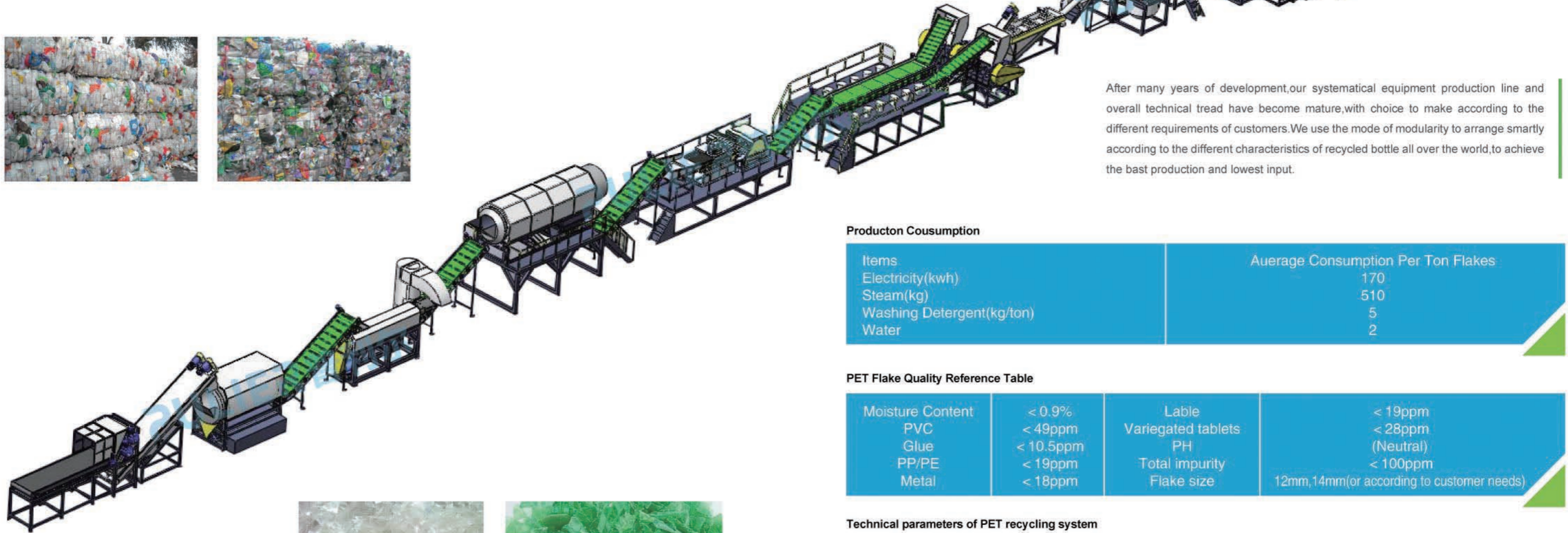
- ◇ 强力有效去除标签纸，漂洗槽自动排渣系统，无需定期清理水槽。
- ◇ 漂洗槽的不锈钢链网出料系统，节省了用水量。
- ◇ 挤干机的含水率：5%以下。



- ◇ Strong effectively remove label paper,automatic discharge system of floating washing tank,no need to clean the washing tank regularly.
- ◇ The stainless steel chain loading system saves the water
- ◇ The moisture for squeeze dryer is less than 5%.

PET RECYCLING SYSTEM

PET回收清洗系统



经过多年的发展，我们系统的设备生产线和整体技术路线已经成熟，可以根据客户的不同要求进行选择。我们采用模块化的模式，根据世界各地回收瓶的不同特点进行巧妙安排，实现最大限度的生产和最低的投入。

After many years of development, our systematical equipment production line and overall technical trend have become mature, with choice to make according to the different requirements of customers. We use the mode of modularity to arrange smartly according to the different characteristics of recycled bottle all over the world, to achieve the best production and lowest input.

Production Consumption

Items	Average Consumption Per Ton Flakes
Electricity(kwh)	170
Steam(kg)	510
Washing Detergent(kg/ton)	5
Water	2

PET Flake Quality Reference Table

Moisture Content	< 0.9%	Lable	< 19ppm
PVC	< 49ppm	Variegated tablets	< 28ppm
Glue	< 10.5ppm	PH	(Neutral)
PP/PE	< 19ppm	Total impurity	< 100ppm
Metal	< 18ppm	Flake size	12mm,14mm(or according to customer needs)

Technical parameters of PET recycling system

Capacity (kg/h)	Power Installed (kw)	Required Area (m²)	Manpower	Steam Volume (kg/h)	Water Supply (m³/h)
1000	490	730	5	510	2.1
2000	680	880	6	790	2.9
3000	890	1020	7	1010	3.8

PET RECYCLING SYSTEM

PET回收清洗系统

专为PET瓶破碎而设计，刀片采用进口优质材料，使用寿命长，换刀方便，破碎时产生的粉量少。

It is specially designed for PET bottle crushing, the blades are made of imported high quality material, featured by long life span, easy blade changing and lower powder produced during crushing.



为去除PET瓶片中剩余的标签残留物专门设计的。去除剩余的标签。

It is intentionally designed for the removing of label scraps and dust in the PET flakes.

PET RECYCLING SYSTEM PET回收清洗系统

为去除PET瓶片中剩余的标签残留物专门设计的。去除剩余的标签。

It is intentionally designed for the removing of label scraps and dust in the PET flakes.



高效去除PET瓶的标签，减少非PET物流的含量。

Removing bottle labels efficiently which can remove the non-PET materials.

PET RECYCLING SYSTEM

PET回收清洗系统现场



SQUEEZED FILM GRANULATING LINE

硬料、挤干料造粒线



Model	SJ130/140	SJ160/180	SJ180/200
Output(kg/h)	500	800	1000



PLASTIC GRANULATING LINE FOR SQUEEZED MATERIAL

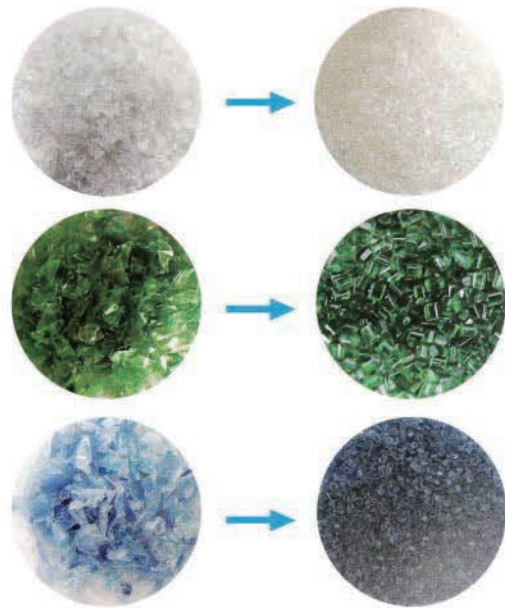
带密实锅的双阶造粒机



Model	ML85	ML100	ML130	ML160	ML180
Output(kg/h)	180-250	300-400	500-600	700-800	1000-1500

DRIED PET BOTTLE FLAKES & PET LUMP MATERIAL GRANULATING MACHINE

干燥后的PET瓶片，PET机头料造粒生产线



Model	T65	T75	T95	T110
Output(kg/h)	300	600	900	1200

PET PELLETIZING LINE FOR CLEAN WASHED PET FLAKES

PET净片造粒生产线



优点 Advantages:

瓶片经过双刀盘混合、干燥、挤出过程中的真空系统，确保粘度下降很小， $IV \leq 0.03$ ，配合水中拉条切粒，PLC控制，实现生产线自动化。

Flakes will be mixed and dried with the double disc, with the help of vacuum degassing system during extrusion make sure the IV drops little, $IV \leq 0.03$, Thanks to the underwater cutting system and PLC control thus realize production automation.

Model	CT130	CT160	CT180
Output(kg/h)	700	1000	1500

不同规格、类型的PET瓶片混合均匀并干燥。
PET bottle flakes with all kinds of types can be mixed evenly and dried.

