



Granulating Technology

塑料造粒机组



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PURUI 普瑞 PLASTIC RECYCLING MACHINE

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普瑞拥有30年行业经验

专注于研究、开发塑料造粒设备以及塑料清洗设备

Research and development of plastic granulating equipment
and plastic washing equipment for 30 years

持续创新

合理的价格与一流的质量

Continuous innovation

普瑞塑胶机械成立于2006年，着力于研究、开发塑料造粒机组、塑料清洗设备。凭借着30年的从业经验以及不懈的努力和追求进步，从工艺设计、产品研发、加工制造、质量控制、现场安装以及售后服务等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，至今已拥有多项国家专利。

凭借着卓越的质量，设备远销美国、德国、意大利、法国、波兰、荷兰、西班牙、保加利亚、阿根廷、墨西哥、俄罗斯、土耳其、南非、马来西亚、印度尼西亚、泰国、新加坡、印度、巴基斯坦、乌兹别克斯坦等地。普瑞秉持质量是企业的生命，不断开发提升技术，产品精益求精，公司稳步发展。

PURUI established in 2006 which is a professional manufacturer of plastic recycling machinery in China. Our company focus on the research and development of plastic granulating machine and plastic washing machine. With more than 30 years of working experience, the unremitting efforts and pursuit, we have had rich experience and increasingly perfect professional technology in the process design, product research&development, processing&manufacturing, quality control, on-site installation and after-sales service and the system solutions. So far, we have owned a number of national patents.

With excellent quality,the machine which made by PURUI are sold throughout the country and exported to United States, Germany, Italy, France, Poland, the Netherlands, Spain, Bulgaria, Argentina, Mexico, Russia, and Turkey, Sough Africa, Malaysia, Indonesia, Thailand, Singapore, India, Pakistan, Uzbekistan, etc. Adhere to the quality is the life of the enterprise, constantly develop and improve technology, steady development of the company.

ML series

Plastic recycling machine with high efficient exhaust

ML系列高效排气，过滤塑料造粒机组



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

应用领域 /Application

薄膜 /Film PE \PO \BOPP \CPP \BOPET \BOPA
纤维 /Fiber PET \PA
无纺布 /Non-woven fabric PE \PP \PET
长丝、扁丝、织布 /Filament、flat silk、woven fabric PP

ML series

Double stage granulating line

双阶段造粒生产线

Application

- A. HDPE, LDPE, LLDPE, PP such like films, bags, flakes, film rollers, stretch film, shrink film, multi-layer film, T-shirt bag cut-offs
- B. Foamed PE, EPS and XPS: rolls, bag, sheet, food container, fruit net, cover
- C. Textile: PP fiber, raffia, silk, yarn, woven bag, jumbo bag



Crushed flakes, film granulating line

破碎料、薄膜两用造粒生产线

应用领域 / Application

清洗后的 PE 膜、PP 吨包袋、PE+PA+PP/PS/PET 复合膜



Underwater granulating line

水下切造粒生产线



Double screen changer granulating line

双换网造粒生产线



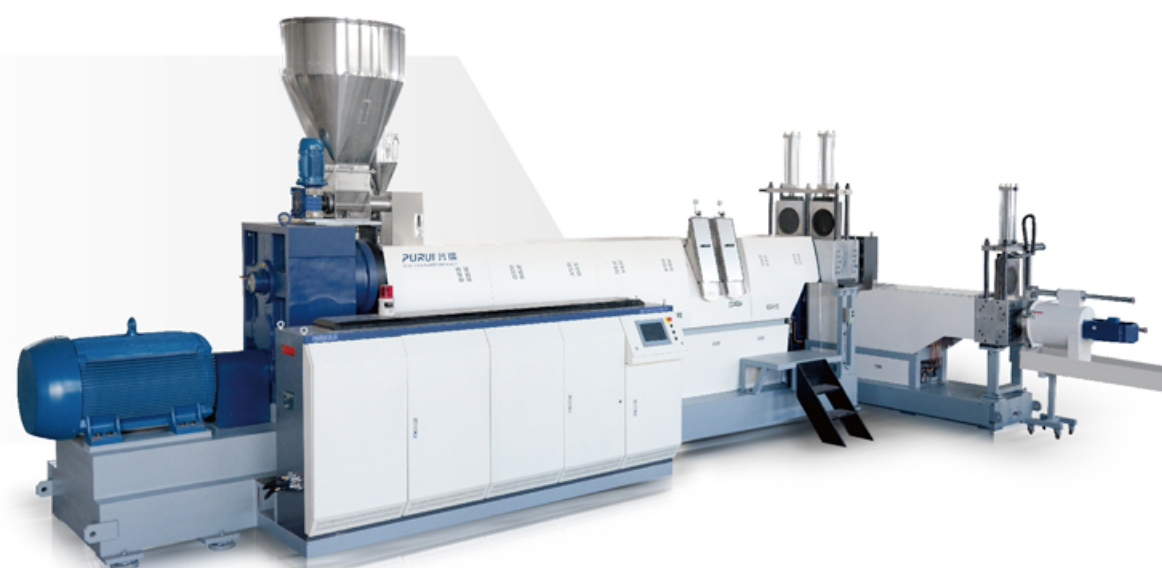
SJ series

Plastic granulating line

SJ系列塑料造粒生产线



Bucket ,small hollow bottles,
milk bottles granulating line
大蓝桶、小中空、牛奶瓶造粒生产线



ABS,PC,PP rigid material granulating machine

ABS \PC \PP硬杂料造粒生产线



型号 /Model	SJ100	SJ120	SJ140	SJ150	SJ160	SJ180	SJ200
螺杆直径 (mm) /Screw diameter	100	120	140	150	160	180	200
长径比 L/D	18-42						
螺杆转速 (r/min) /Rotary speed	10-150						
产量 (kg/h) /Output	250-350	300-400	500-600	600-800	800-1000	900-1200	1000-1500

Squeezed film granulating line 薄膜挤干料造粒生产线



清洗线上的挤干机出来的料，风送至储料仓，
储料仓自动往造粒机加料。

优点:

1. 生产自动化，节省人工
2. 对挤干料的形状没有要求
3. 产量大，能耗低

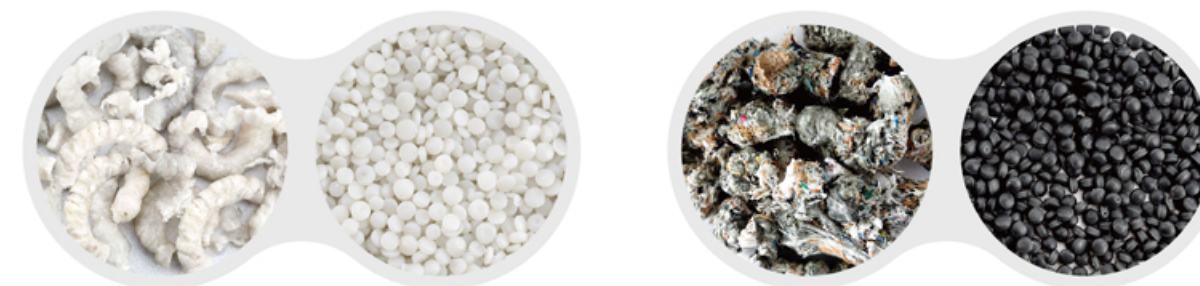
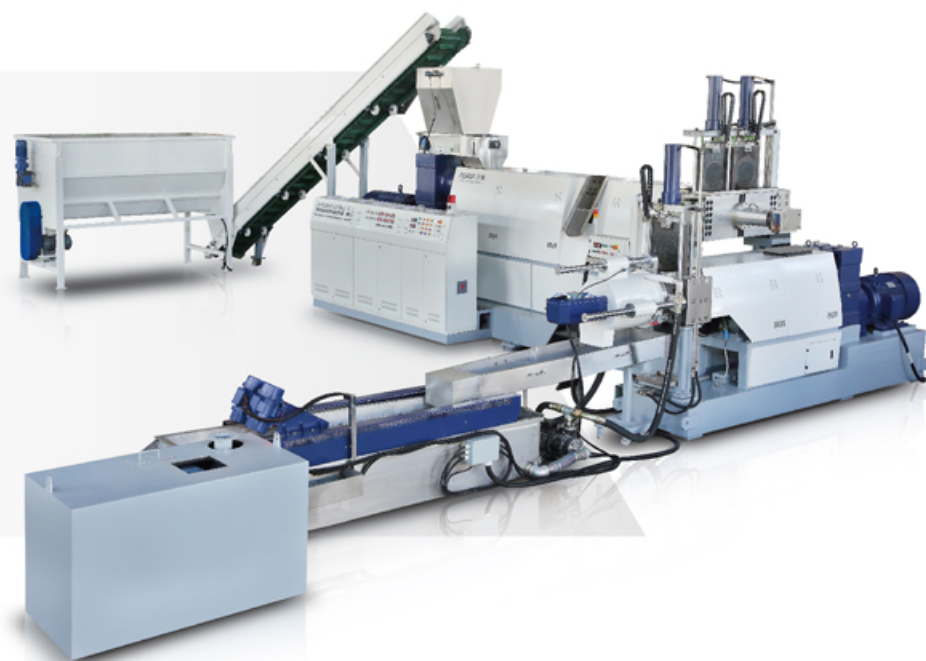
The squeezed material from squeezer machine in the washing line will be fed into the raw material silo storage by air feeding. Then the squeezed material will be fed to granulating line automatically.

Advantages:

1. Production automation, labor saving
2. There is no requirement for the shape of the squeezed material
3. High output and low energy consumption

型号 /Model	SJ140/150	SJ160/180	SJ180/200	SJ200/220
产量 (kg/h) /Output	500	800	1000	1200~1400

Plastic Granulating Line for Squeezed Material 挤干料专用造粒机

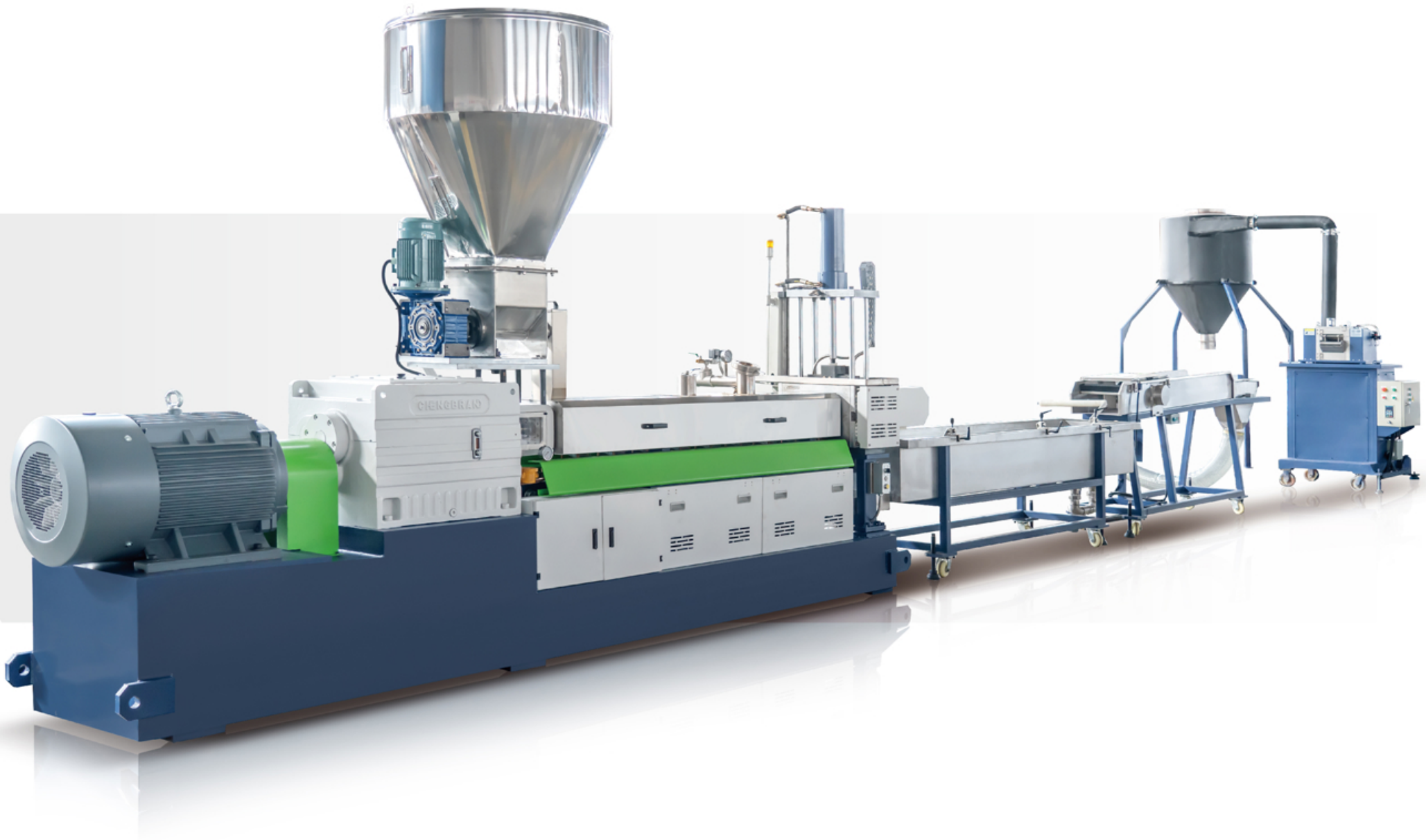


High torque co-rotating twin-screw extruder

TSSK 同向平行双螺杆挤出机

同向平行双螺杆挤出机具有优异的混合性能，良好的自洁性能，灵活的模块化组合的特性，能够适应众多物料体系的不同类型加工。

Parallel co-rotating twin screw extruders have excellent mixing performance, good self-cleaning performance and flexible modular configuration characteristics which make them suitable for processing different types of material.



应用领域 /Application

- 填充改性**

碳酸钙

滑石粉

硫酸钡

钛白粉

陶瓷粉

木粉 / 植物纤维

其他无机填料
- Filling modification**

CaCo3

Talcum powder

BaSO4

TiO2

Ceramic powder

Wood flour/plant fiber

Other inorganic filler
- 增强改性**

短玻璃纤维

长玻璃纤维

碳纤维

其他晶须
- Reinforce modification**

Short glass fiber

Long glass fiber

Carbon fiber

Other whisker

- 母料制备**

碳黑母料

色母料

阻燃母料

降解母料

其他特种功能母料
- Preparation of master batch**

Carbon black master-batch

Color master batch

Flame-retardant master-batch

Degradation master-batch

Other special functions master-batch
- 共混改性**

热塑性材料 / 弹性体

高分子合金
- Blending modification**

Thermoplastic material/Elastomer

Polymer alloys
- 电缆料**

PVC 电缆料

低烟无卤电缆料

PE 绝缘料、护套料

PE 交联电缆

特种电缆料
- Cable material**

PVC cable material

Zero halogen cable material

PE TR-XLPE, NDH

PE cross-linking cable material

Special cable material

TSSK 系列同向双螺杆挤出机规格及参数（普通型）

Technical parameter of TSSK series co-rotating twin-screw extruder(normal)

设备型号 /Model	TSSK-20	TSSK-30	TSSK-35	TSSK-50	TSSK-65	TSSK-72	TSSK-92
螺杆直径 (mm) /Screw diameter	21.7	30	35.6	50.5	62.4	71.2	91
螺杆转速 (rpm) /Rotary speed	600	400	400/600	400/500	400/500	400/500	400/500
主电机功率 (kw) /Main motor power	4	11	11/15	37/45	55/75	90/110	220/250
螺杆长径比 (L/D)	32-40	28-48	32-48	32-48	32-48	32-48	32-40
生产能力 (kg/h) /Capacity	2-10	5-30	10-80	20-150	100-300	300-600	600-1000

TSSK 系列同向双螺杆挤出机规格及参数（高扭型）

Technical parameter of TSSK series co-rotating twin-screw extruder(high torque)

设备型号 /Model	50B	65B	75B	75D
螺杆直径 (mm) /Screw diameter	50.5	62.4	71.2	71.2
螺杆转速 (rpm) /Rotary speed	500/600	500/600	500/600	500/600
主电机功率 (kw) /Main motor power	55/75	90/110	132/160	200/250
螺杆长径比 (L/D)	28-48	28-48	28-48	28-48
生产能力 (kg/h) /Capacity	120-280	180-400	250-650	500-1200

PET pelletizing line for clean washed PET flakes

PET净片造粒生产线

型号 /Model	CT110	CT130	CT160	CT180
产量 /Output(kg/h)	500-600	800-900	1000-1500	1800-2000

