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ZHANGJIAGANG WUHE MACHINERY CO., LTD

塑料回收系统 PLASTIC RECYCLING SYSTEM



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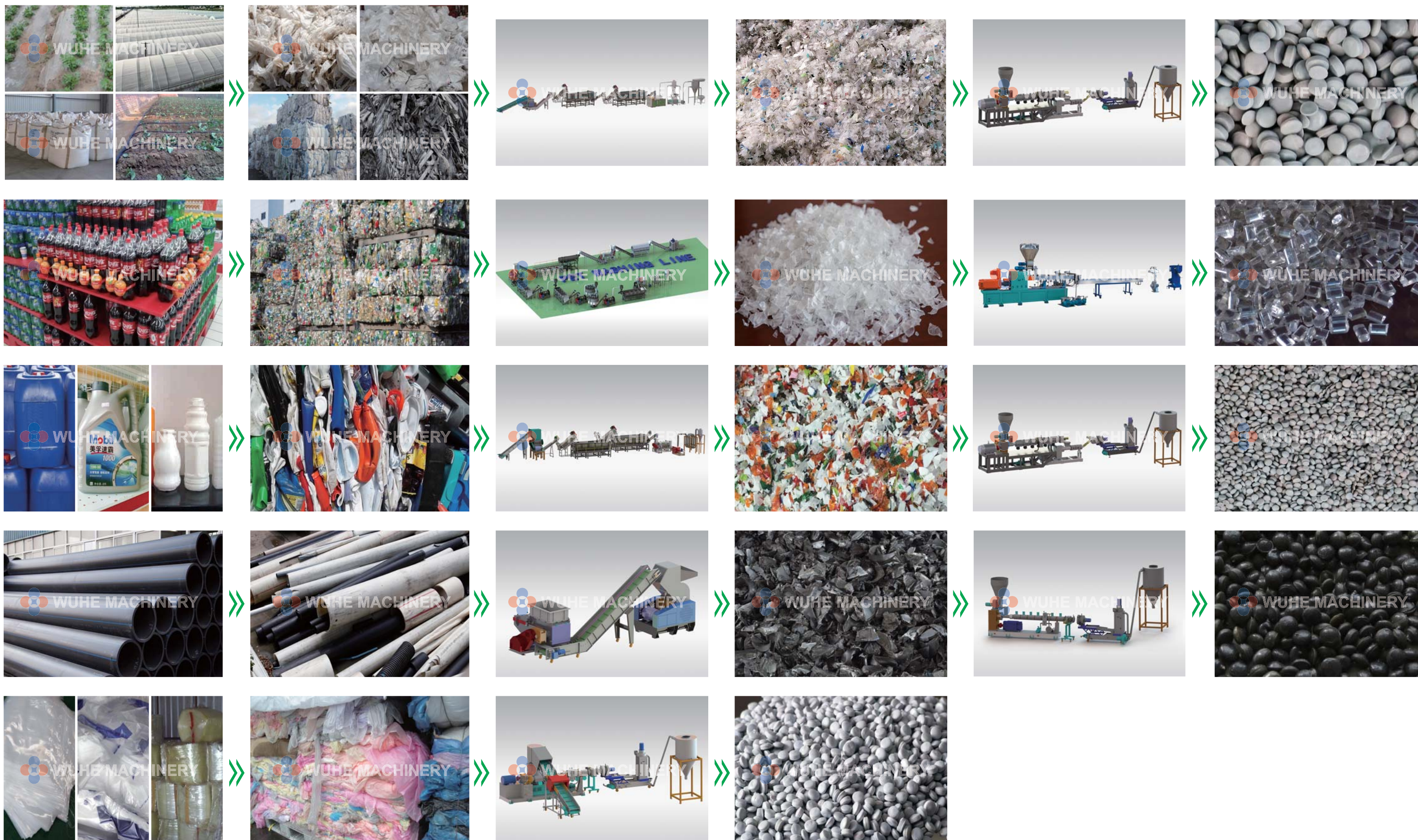
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ASSURE QUALITY

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团粒水环造粒生产线

Agglomerator and Watering Cutter Plastic Recycling Production Line

概述 Brief introduction:

HS系列团粒水环造粒生产线主要有皮带输送机（辊轮输送机）、团粒机、挤出机、（真空排气系统）、液压换网系统、水环切粒系统、脱水机、风送系统、（上料干燥系统）等组成。

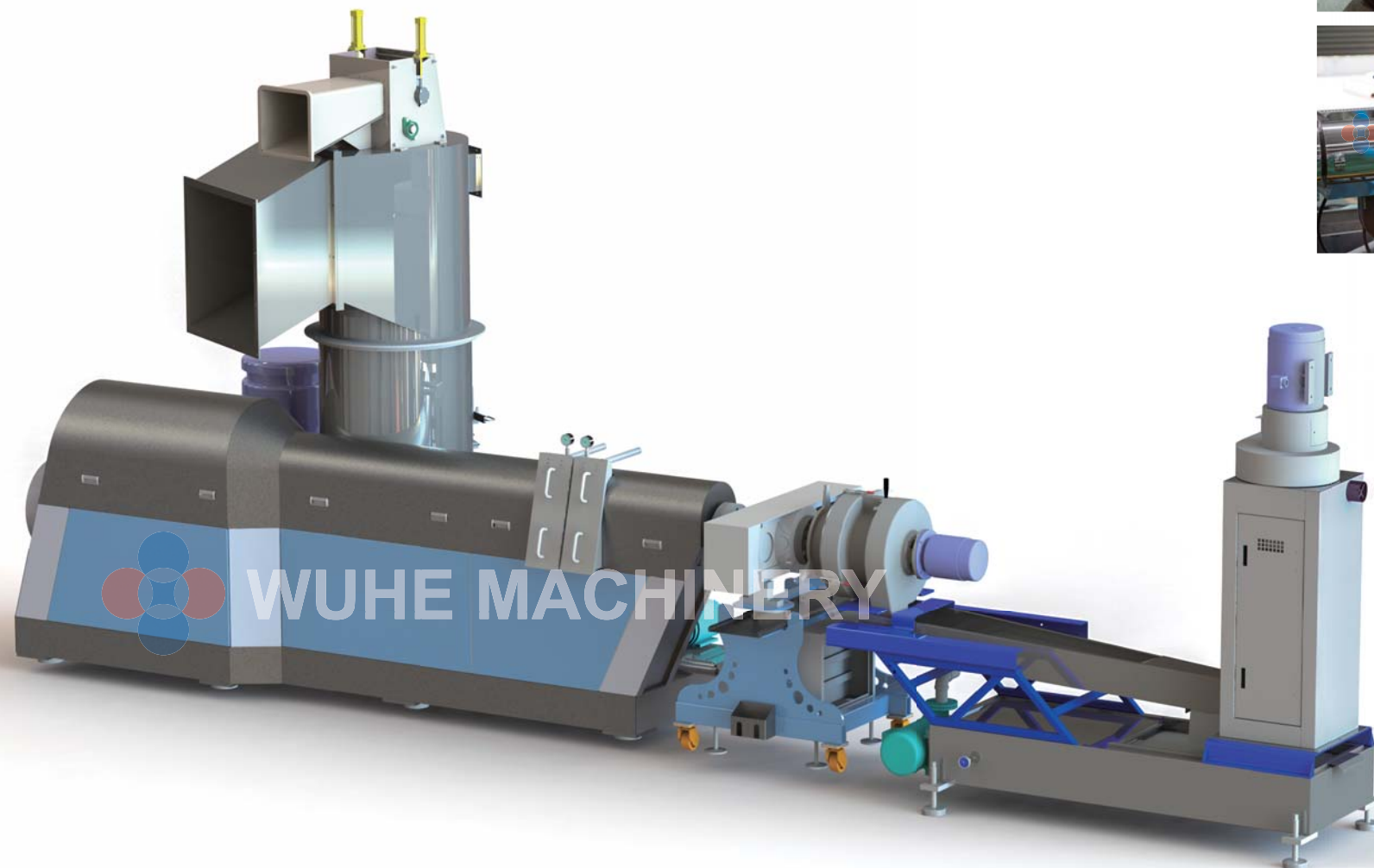
The HS series Agglomerator and watering cutter plastic recycling production line is mainly consisted by the following equipments: belt conveyor (roller conveyor), agglomerator, extruder, (vacuum degassing system), hydraulic screen changer, watering cutting system, dewatering machine, air blowing system, (feeding and drying system)...etc.

用途 Usage:

该生产线是废旧塑料PE/PP薄膜、丝、片（≤0.5mm）、带、袋、边脚料回收造粒的理想设备

This recycling production line is the best choice for recycling waste plastics like PE/PP film, silk, flakes (thickness ≤0.5mm) strip, woven bags and extrusion leftover waste.

型号/Model	HS80	HS100	HS120	HS160
挤出机/Extruder Motor	55kw	90kw	132kw	220kw
长径比L/D	34-40:1	37:1	33-36:1	30-33:1
团粒机/Compactor Diameter	800mm	1000mm	1200mm	1500mm
团粒机电机/Compactor Motor	55-75kw	75-110kw	90-132kw	110-160kw
产量/Capacity	150-250kg/h	250-450kg/h	350-600kg/h	600-900kg/h
液压换网器/Screen Changer	客户选配/Customer Optional			



双阶拉条造粒生产线

Double Stage Plastic Recycling Production

概述 *Brief introduction:*

HS系列喂料拉条造粒生产线主要有喂料机、挤出机、（真空排气系统）、液压换网系统、下阶挤出机、液压换网系统、拉条模具、冷却水箱、吹干机、切粒机、风送系统、（上料干燥系统）等组成。

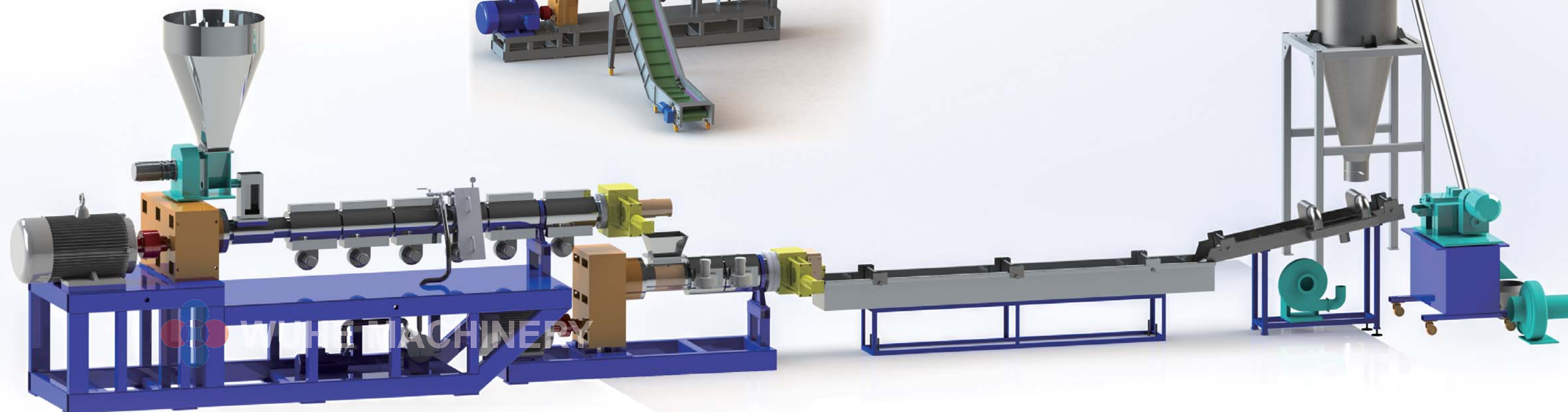
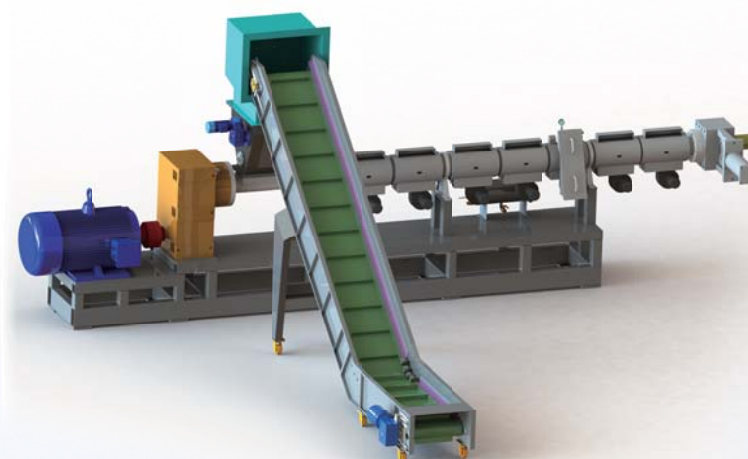
The HS Hopper feeding and strand cutter Plastic Recycling production line is mainly consisted by the following machinery: feeding system, first stage extruder, (vacuum degassing system), hydraulic screen changer 1, second stage extruder, hydraulic screen changer 2, Strand cutting mould, cooling tank, dryer, cutter, fan blowing system(feeding and drying system)...etc.

用途 *Usage:*

该生产线是废旧塑料片材、各类已破碎废塑料、薄膜回收造粒的理想设备

This recycling production line is the best choice for recycling waste plastic flakes (size $\leq 8\text{mm}$), crushed material and film...etc.

产量 *Capacity*: 100-1000kg/h



高填充造粒生产线

High Filler Plastic Recycling Production Line

概述 Brief introduction:

高填充造粒生产线主要有挤出机、液压换网系统、拉条模具、冷却输送机、切粒机、风送系统、（上料干燥系统）等组成。

The High filler Plastic recycling production line plastic recycling production line is mainly consisted by the following equipments: extruder, hydraulic screen changer, Strand cutting mould, cooling conveyor, dryer, cutter, fan blowing system(feeding and drying system)...etc.

用途 Usage:

该生产线是PE、PP+CaCo3高填充造粒的理想设备

This recycling production line is the best choice for recycling high filler plastic like PE、PP+CaCo3 ... etc.

产量 Capacity:200-1000kg/h



PVC造粒生产线

PVC Granulating Production Line



概述 Brief introduction:

PVC造粒生产线主要有挤出机、磨面切粒模具、切粒系统、三级风送系统等组成。

The PVC granulating production line is mainly consisted by the following equipments: Extruder, hot cutter mould, face cutter, three grade fan blowing system....etc.

用途 Usage:

该生产线是PVC造粒的理想设备

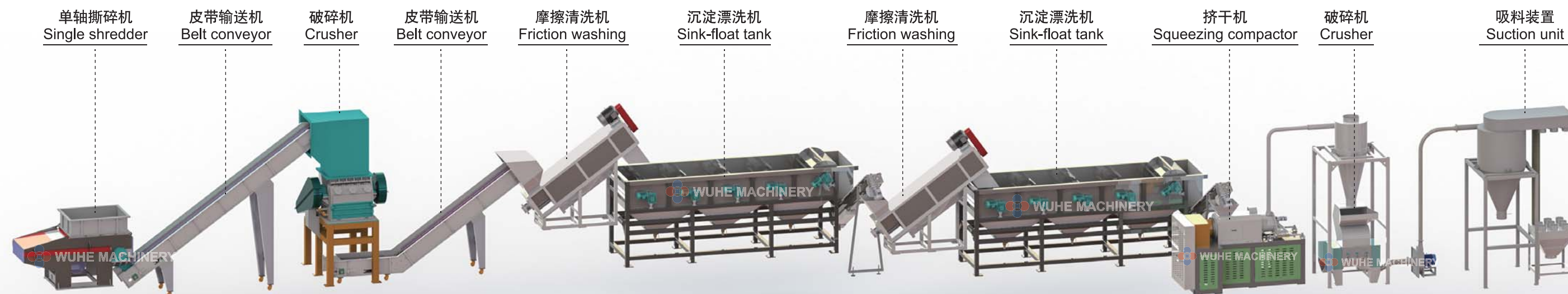
This recycling production line is the best choice for PVC granulation.

产量 Capacity:100-800kg/h



PE、PP薄膜清洗生产线(500—1000KG/H)

PE/PP film washing production line(500-1000kg/h)



挤干压实机 Squeezing compactor

适用原料: 清洗后PE、PP薄膜, 编织袋
产量: 500-800kg/h
装机容量: 102kw
制品含水率: 3-8%

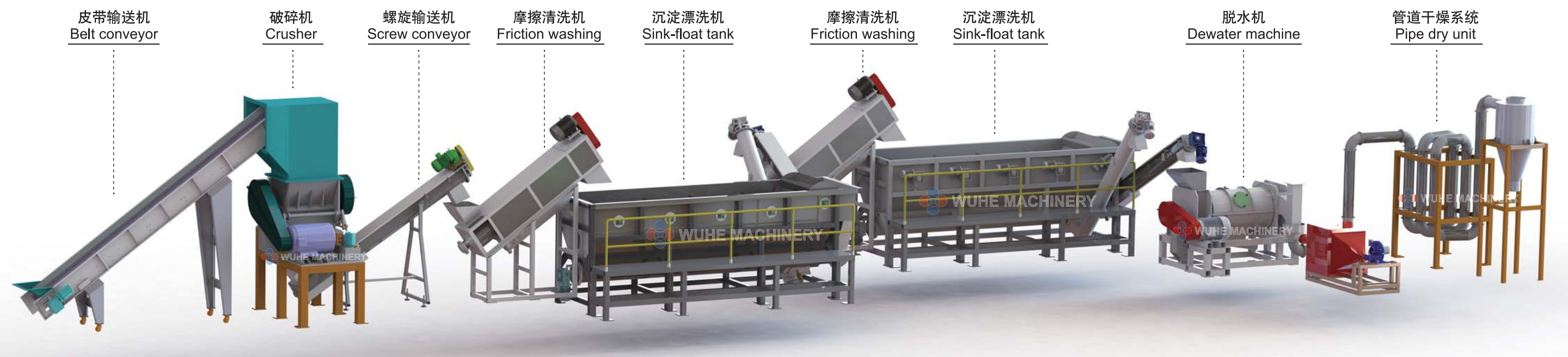
Applicable materials: cleaned PE, PP film,
woven bags
Capacity :500-800kg / h
Installed power: 102kw
Products humidity :3-8%



团粒机 Agglomerator



PE牛奶瓶回收清洗生产线(500—1000KG/H)
PE bottle washing line(500-1000kg/h)



PET瓶片清洗生产线(1000-3000KG/H)

PET bottle flake washing production line(1000-3000kg/h)



单轴撕碎机
 Single Shaft Shredder



用途：DS系列单轴撕碎机适用于废旧物料的回收破碎；如：大型的实心体块状塑料、成卷薄膜、块状木材、成捆纸张、成捆纤维、塑料容器……等等。

Application: This Type of shredder is mainly used to grind, crush and recycle the waste plastics. Materials suitable to be processed are: big solid block of plastic, film rollers, blocks of wood, packed paper and packed fiber...etc.



型号 Model	电机功率 Motor Power	液压功率 Hydraulic Power	回转直径 Rotating diameter(MM)	定刀 Fixed Knife	动刀 Rotating Knife
DS-600	15-22 kw	1.5kw	300	1-2	22
DS-800	30-37 kw	1.5kw	400	2-4	30
DS-1000	45-55 kw	1.5-2.2kw	400	2-4	38
DS-1200	55-75 kw	2.2-3kw	400	2-4	46
DS-1500	90-132 kw	2.2-4kw	400	2-4	58

双轴撕碎机
 Double Shaft Shredder

用途：薄膜、木材、中空桶、橡胶轮胎、纤维、电器外壳、计算机硬盘……等等物料的回收粉碎。

Application: This Type of shredder is mainly used to grind, crush and recycle the waste plastics, Materials suitable to be processed are: plastic film, wood, hollow barrel, Appliances, PC hardware disc, rubber tire, fiber...etc.



硬盘撕碎机
 HARD DISK SHREDEER

型号 Model	电机功率 Motor Power	粉碎室尺寸 Grinder Chamber Dimension
SS-300	5.5kw	300×300mm
SS-800	22-45 kw	670×800mm
SS-1000	22-37 kw	670×1000mm
SS-1200	30-55 kw	670×1200mm
SS-1600	45-75 kw	850×1600mm

BPS大型管材撕碎机
 BPS big pipe shredder

用途和特点 **Usage & characteristic:**
 BPS大型管材撕碎机可直接撕碎Ø50—1200mm的塑料管材、大型塑料块料、垃圾桶、托盘等。
 自动化操作、高安全、高产量、低能耗、坚实耐用。

BPS big pipe shredder can directly shred diameter ø50—1200mm plastic pipe, big plastic block, trash barrel, and pallets.
 It is automatic operation, high safety, high production, low energy consumption, low cost, firm and durable.



箱体CNC加工、坚实耐用、硬齿面齿轮箱双驱动
 The shredder chamber is CNC processing, it's firm and durable, double driving by hard tooth surface gearbox.



转子CNC加工、高精度
 The rotor is processing by CNC, high precision



箱盖液压开启、位置检测
 The cover is hydraulic opening and position detection.



液压推料、结构简单耐用
 Hydraulic push, simple structure but durable.

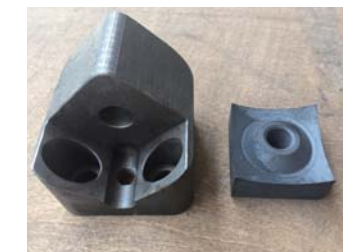
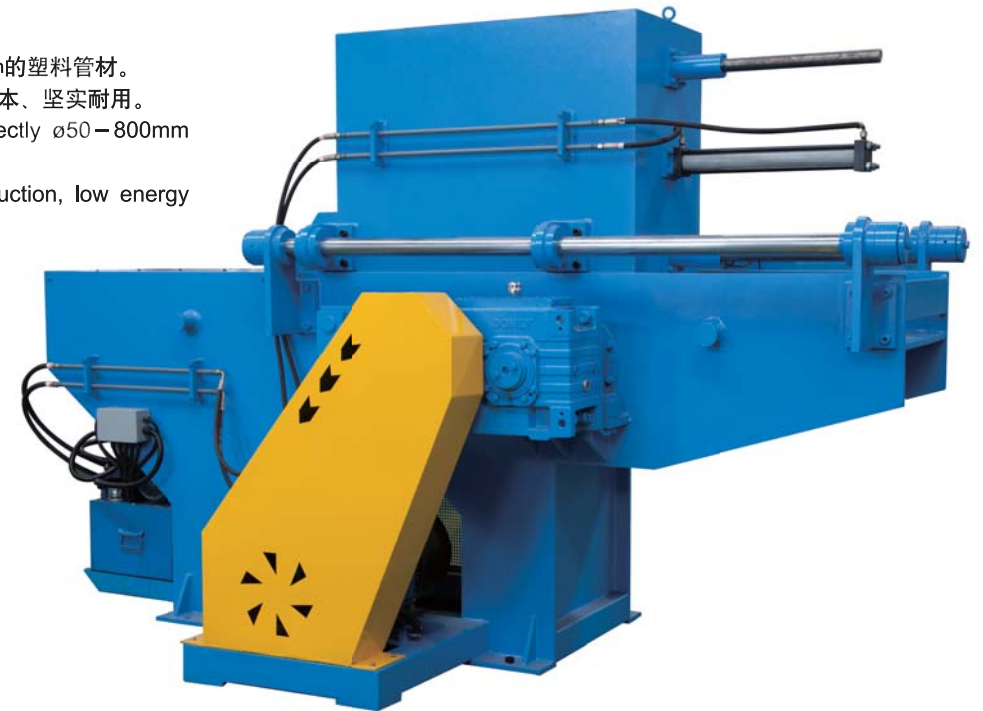


强力破碎机、二次细碎、风机吸料、自动化程度高
 Strong crusher, second crush, fan blowing system, high level automation.

型号/Model	BPS-800	BPS-1000	BPS-1450
电机功率kw/Motor power	45kw×2	55kw×2	75kw×2
转子转速rpm/Rotating speed	38	32	21
转子直径mm/Rotor diameter	850	1050	1500
转子宽度mm/Rotor width	800	1000	1500
动刀/Rotary blade	60	95	174
定刀/Fixed blade	2	2	3
液压功率kw/Hydraulic power	5.5	7.5	11
适合管材mm/Biggest pipe	Ø630×3000/Ø630×6000	Ø800×3000/Ø800×6000	Ø1200×3000/Ø1200×6000

MPS移动式管材撕碎机
 MPS moving pipe shredder

用途和特点 **Usage & characteristic:**
 MPS移动式管材撕碎机可直接撕碎ø50—800mm的塑料管材。
 自动化操作、高安全、高产量、低能耗、低成本、坚实耐用。
 MPS movable pipe shredder can shred directly ø50—800mm plastic pipe.
 Automatic operation, high safety, high production, low energy consumption, low cost, firm and durable.



刀座、刀片：CNC加工、模块化设计
 Blade holder and blades are CNC processing, Modular design.



液压系统、流量控制、压力控制、优质阀组
 Hydraulic system, flow control, pressure control, high quality valve group.



皮带输送机、优化设计、不卡料
 Belt conveyor,optimal design, avoid material block.



电气系统、PLC自动控制
 Electrical system, PLC automatic control.

型号/Model	MPS-600	MPS-800	MPS-1000
进料口尺寸mm/Inlet dimension	500×500	720×700	850×850
电机功率kw/Motor power	22	37	55
转子转速rpm/Rotating speed	85	78	78
转子直径mm/Rotor diameter	300	400	400
转子宽度mm/Rotor width	600	800	1000
动刀/Rotary blade	22	30	38
定刀/Fixed blade	1	2	2
液压功率kw/Hydraulic power	1.5	2.2	3
适合管材mm/Biggest pipe	Ø500×2000	Ø630×2000	Ø800×2000

重型破碎机

Heavy type crusher

用途：GM系列重型破碎机适用于大型塑料、高强度、大产量的材料。如：塑料薄膜、管材、片材、型材、PET瓶、中空桶……

Application: GM series heavy type crusher is suitable for the material which has big shape , high- strength and massive capacity .For example : plastic film , pipe , sheet , profile , PET bottles ,hollow barrel and so on .



型号 Model	刀片Blades		粉碎室尺寸 Grinder Chamber Dimension	功率 Power(kw)	转速 Rpm(r/min)	筛网 Mesh(mm)
	固定Fixed	转动Rotating				
GM-4208	2×2	3×2	800×420	30-45	510	ø12- ø100
GM-6310	2×2	5×2	1000×630	55-90	450	ø12- ø100
GM-7010	2×2	7×2	1000×700	90-110	410	ø12- ø100
GM-7012	2×2	7×2	1200×700	90-132	410	ø14- ø100
GM-8015	2×2	7×2	1500×800	132-200	368	ø16- ø100

强力破碎机

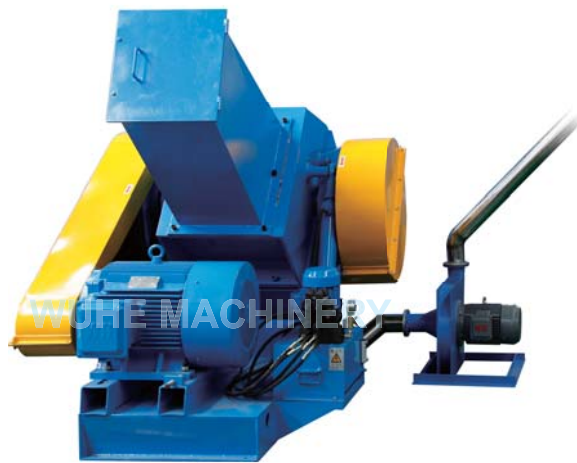
Strong crusher

用途：SC系列强力破碎机适用于各种废旧软硬塑料的粉碎，提高塑料的利用率；根据物料的大小、产量选择不同型号的破碎机。

Application: SC series strong crusher is suitable for crushing all kinds of soft and rigid waste plastic. SCF series strong crusher is mainly used for crushing all kinds of waste film, sheet, PET bottles so as to enhance the use ratio of plast .The choice for different type crusher should depend on the size of material and different capacity requirements.



型号 Model	刀片Blades		粉碎室尺寸 Grinder Chamber Dimension	功率 Power(kw)	产量 Output Kg/h	转速 Rpm(r/min)	筛网 Mesh(mm)
	固定Fixed	转动Rotating					
SC-20	2×2	3×8	480×340×ø350	15	200-300	530	ø10
SC-30	2×2	3×11	660×400×ø380	22	300-500	500	ø12
SC-50	2×2	3×12	720×510×ø500	37	500-600	410	ø14
SC-75	2×3	3×15	1050×800×ø700	55	700-800	340	ø14
SC-100	2×4	3×18	1260×800×ø700	75	800-1000	340	ø16
SC-150	2×4	3×21	1470×900×ø850	110	1200-1500	275	ø16



管材破碎机

Pipe crusher

用途：GSP系列管材破碎机适用于较长的PVC管材、异型材的直接破碎。

Application: GSP series pipe crusher is suitable for crushing longer PVC pipe and special -shape profiles directly.

型号 Model	功率 Power(kw)	转速 Rpm(r/min)	管径 Pipe(mm)
GSP-500	22-37	430	≤ø 250
GSP-700	37-55	410	≤ø 400



磨刀机

Knife sharpener



塑料磨粉机

Plastic mill

自动配混料系统

Auto Compounding System



SRL系列高速混合机组

SRL Serial high speed mixing unit

用途 Usage:

SRL系列高速混合机组主要用于塑料、橡胶、制药、染料、食品、日用化工等行业的物料混合、搅拌、干燥、着色。

该机组将热混机与冷混机组合使用，使热混好的物料自动排入冷混机中进行冷却，排除残余气体，并防止结块。

SHL Serial high speed mixer is mainly used to mix, stir, dry and color for plastic material, rubber, pharmacy, dye, food and commodity industries.

This unit puts the hot mixer and cold mixer together making the mixed hot material enter into the cooling mixer automatically and exhaust the left gas in the material in case the material agglomeration.



立式混合机组技术参数Technical parameter of vertical type mixing unit:

型号Type	SRL-Z50/100A	SRL-Z100/200A	SRL-Z200/500A	SRL-Z300/600A	SRL-Z500/1000A
总容积L Total capacity	50/100	100/200	200/500	300/600	500/1000
有效容积L Effective capacity	37/70	75/130	150/320	225/360	375/640
转速rpm Rotating speed	650/1300/118	650/1300/130	475/950/130	475/950/130	375/750/50
电机功率kw Motor power	7/11/7.5	14/22/11	30/42/11	40/55/11	55/75/15
加热功率kw Heating power	3	3	6	6	9
冷却方式 Cooling method	水 Water				
卸料方式 Material discharging	气动 Pneumatic				
重量kg Weight	2800	3000	3500	3800	5800

卧式混合机组技术参数Technical parameter of horizontal type mixing unit:

型号Type	SRL-W500/1600	SRL-W800/2000	SRL-W800/2500	SRL-W1000/3500	SRL-W800×2/4000
总容积L Total capacity	500/1600	800/2000	800/2500	1000/3500	1600/4000
有效容积L Effective capacity	375/1024	560/1280	560/1600	750/2600	1120/2550
转速rpm Rotating speed	375/750/70	320/640/60	320/640/60	320/640/50	320/640/50
电机功率kw Motor power	55/75/18.5	83/110/18.5	83/110/22	110/150/30	83/110×2/37
加热功率kw Heating power	9	12	12		12×2
冷却方式 Cooling method	水 Water				
卸料方式 Material discharging	气动 Pneumatic				
重量kg Weight	6000	7500	7800	11000	15000

PE Ø16—Ø63MM双管生产线 PEØ16-Ø63mm double pipes extrusion line



PEØ16—Ø63MM高速管材生产线 PE Ø16-Ø63mm high speed pipes extrusion line



PEØ16—Ø1600MM管材生产线 PE Ø16-Ø1600mm pipes extrusion line



单螺杆管材挤出生产线 Single screw extrusion line

用途 Usage:

单螺杆管材挤出生产线主要用于生产PE燃气、PE给排水、PPR、PE-RT、PP、PU、PC、ABS等特殊用途管材。该生产线主要由单螺杆挤出机、模具、真空定型机、冷却箱、牵引机、切割机、堆放架组成。改变不同的机型及模具可生产Ø8-Ø1600mm不同壁厚的管材。

Single screw extrusion line is mainly used for producing special usages pipe such as PE gas supplying, PE water drainage and supplying, PPR, PE-RT, PP, PU, PC and ABS. The line is composed by single screw extruder, vacuum calibrator, cooling tank, haul off machine, cutter and stacker. It can produce different thickness of pipe from Ø8 to Ø1600mm by changing different type of machine and mould.

PVC管材挤出生产线 PVC pipe extrusion line

用途 Usage:

PVC管材挤出生产线主要用于生产PVC、U-PVC、C-PVC、M-PVC的给排水管、电力管等。该生产线主要由锥形双螺杆挤出机、管材模具、真空定型机、冷却箱、牵引机、切割机、翻料架、扩口机等组成。该生产线改变不同的机型及模具可生产 $\phi 16$ — $\phi 800$ mm不同壁厚的PVC管材。

PVC pipe extrusion line is mainly used to make PVC, U-PVC, C-PVC and M-PVC pipe for water supplying and drainage, electric pipe and so on. The line is composed by conical twin screw extruder, pipe mould, vacuum calibrator, cooling tank, haul-off machine, cutter, stacker, bellling machine and so on. It can produce PVC pipe from $\phi 16$ to $\phi 800$ mm in different thickness by changing the type of machine and mould.



PVC $\phi 16$ — $\phi 800$ MM管材生产线 PVC $\phi 16$ — $\phi 800$ mm pipes extrusion line



PVC $\phi 16$ — $\phi 160$ MM双管生产线 PVC $\phi 16$ — $\phi 160$ mm double pipes extrusion line



PVC $\phi 16$ — $\phi 63$ MM四管生产线 PVC $\phi 16$ — $\phi 63$ mm four pipes extrusion line



SHR系列高速混合机

SHR Serial high speed mixer

用途 **Usage:**
SHR系列高速混合机主要用于塑料、橡胶、制药、染料、食品、日用化工等行业的物料混合、搅拌、干燥、着色。

SHR Serial high speed mixer is mainly used to mix, stir, dry and color for plastic material, rubber, pharmacy, dye, food and commodity industries.



技术参数 **Technical parameter:**

型号 Type	总容积 Total capacity	有效容积 Effective capacity	电机功率 Motor power	加热功率 Heating power	主轴转速 Speed	加热方式 Heating method	卸料方式 Material discharging	外形尺寸 Dimension
SHR-5A	5L	3L	1.1kw		1440rpm	自摩擦 Self-friction	手动 By hand	620×300×730
SHR-10A	10L	7L	3kw		1440rpm			1200×300×830
SHR-25A	25L	17L	5.5kw		1440rpm			1200×350×850
SHR-50A	50L	35L	7/11kw	3kw	750/1500rpm	电加热 Electricity heating	气动 Pneumatic	2100×700×1100
SHR-100A	100L	75L	14/22kw	6kw	650/1300rpm			2100×800×1500
SHR-200A	200L	150L	30/42kw	6kw	475/950rpm			2400×850×1580
SHR-300A	300L	225L	40/55kw	6kw	475/950rpm			2800×1080×1680
SHR-400A	400L	300L	47/67kw	9kw	430/860rpm			3160×1150×1760
SHR-500A	500L	375L	55/75kw	9kw	430/860rpm			3160×1150×1880
SHR-800A	800L	600L	83/110kw	12kw	370/740rpm			3385×1380×2750
SHR-1000A	1000L	750L	110/160kw	15kw	325/650rpm			3460×1380×2900

SHL系列冷却混合机

SHL Serial cooling mixer

用途 **Usage:**
SHL系列冷却混合机主要与SHR系列高速混合机配套使用，使热混好的物料迅速冷却，排除物料中的残余气体，以便物料的存储、输送、及后续加工。

SHL Serial cooling mixer is mainly equipped with SHR serial high speed mixer to make the hot mixture material cold quickly and exhaust the gas left in the material. It is easy for the material storing, conveying and processing.



技术参数 **Technical parameter:**

型号 Type	总容积 Total capacity	有效容积 Effective capacity	电机功率 Motor power	主轴转速 Speed	冷却方式 Cooling method	卸料方式 Material discharging	外形尺寸 Dimension
SHL-100A	100L	65L	5.5kw	200rpm	水冷 Water cooling	气动 Pneumatic	2200×950×1160
SHL-200A	200L	130L	7.5kw	200rpm			2480×1050×1260
SHL-500A	500L	320L	11kw	130rpm			3135×1310×1460
SHL-800A	800L	500L	15kw	100rpm			3400×1600×1510
SHL-1000A	1000L	640L	15kw	70rpm			3600×1650×1650
SHL-1600A	1600L	1050L	18.5kw	50rpm			3380×2560×2000