ACERETECH®
RECYCLING & PELLETIZING

PLASKIT
辅机宝

PLASTIC CRUSHER GRANULATOR

塑料粉碎机

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辅机宝塑料设备（苏州）有限公司
Plaskit equipment (Suzhou) co., ltd.

江苏省苏州市张家港市南丰镇东沙常福路19号3幢
Building 3, No. 19, Dongsha Changfu Road, Nanfeng Town,
Zhangjiagang City, Suzhou City, Jiangsu Province.

www.plas-kit.com

0086-0512-58655515

辅机宝塑料设备（苏州）有限公司
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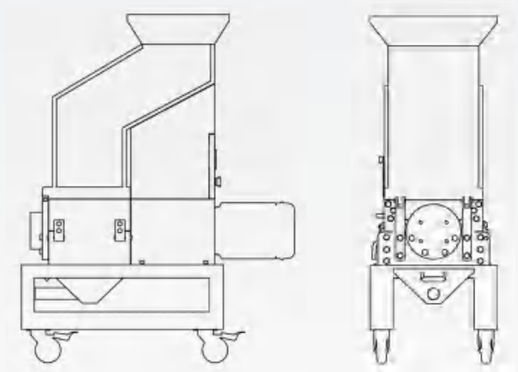
LOW SPEED GRANULATOR
慢速粉碎机

无筛网型塑料回收粉碎机。20~25RPM 低速运转，齿啃式刀具设计，专门设计用于粉碎各类硬性及易脆塑胶之不良产品，次品的机边粉碎回收利用；尤其适合粉碎回收 PC、尼龙、ABS 等硬质水口料。具有转速低，扭矩大，噪音低，产生粉尘少，操作简便的优点，而且具备产品粉碎颗粒均匀，粉碎效果极佳，设备运转中无过热现象，使用寿命长等特点。

Low speed granulators are non-screen designed. Running at a low speed of 20~25 rpm, it adopts toothed cutter design. It is developed for on-site crushing and recycling of defective rigid and brittle plastic products, especially suitable for hard runners such as PC, Nylon and ABS. This machine features low speed, high torque, low noise and less dust, with simple operation. It delivers uniform particle size and excellent crushing performance, no overheating during operation and long service life.

产品结构图 | PRODUCT STRUCTURE DIAGRAM



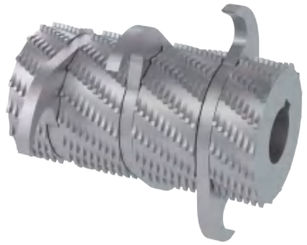
产品特征 | PRODUCT FEATURES

- → 无筛网设计，碎料均匀粉末少。
- → 结构合理，小巧占用空间小，适合狭小空间机台旁使用。
- → 刀具采用优质合金材质，经久耐用。
- → 30S 立即回收可减少对水口料的湿化，氧化等破坏。
- → 20~25RPM 低速运转，省电，无噪音公害。
- → 中空轴型齿轮减速电动机驱动，无需加油节省空间。
- → 本系列粉碎机适合回收 PC, PBT, ABS, 尼龙等硬质水口料。

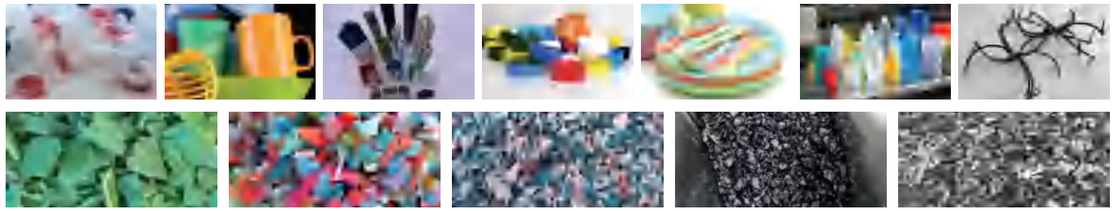
- → Non-screen design delivers uniform regrind with minimal dust.
- → Compact and rational structure, space-saving for installation beside machines in narrow areas.
- → Blades made of high-quality alloy for long service life.
- → 30-second immediate recycling prevents runners from moisture absorption, oxidation and other damages.
- → Low-speed operation at 20~25 RPM, energy-efficient and low-noise.
- → Driven by hollow-shaft geared motor, lubrication-free and space-saving.
- → This series is mainly for recycling hard plastic runners such as PC, PBT, ABS and Nylon.

刀具展示 | BLADE DISPLAY

刀具结构图 | BLADE STRUCTURE



实验案例 | PRODUCT PICTURES



产品参数 | PRODUCT PARAMETERS

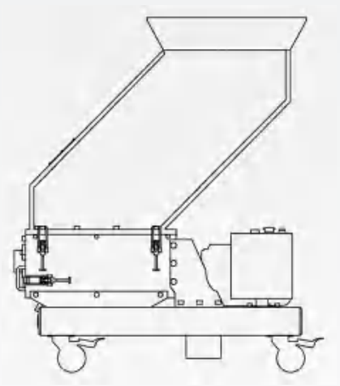
型号 Model	PL-250	PL-300	PL-400	PL-500	PL-450	PL-600
粉碎能力(kg/h) Crushing Capacity	10-20	20-30	30-40	50-60	50-60	60-70
功率(KW) Power	1.1	1.5	2.2	3.7	3.7	5.5
粉碎仓口径(mm) Crushing Chamber	254*242	306*231	415*312	475*383	445*442	635*363
投入口尺寸(mm) Size of inlet	317*246	317*317	423*317	475*384	448*448	608*387
S刀回转直径(mm) S-Blade Swing Diameter	209.5	268	268	328	368	328
菠萝刀尺寸(mm) Pineapple blade Dimensions	74*105	89*110	89*110	100	89*110	140*100
动刀（菠萝刀） Rotary Cutter(Pineapple blade)	3pcs	3pcs	4pcs	4pcs	4pcs	5pcs
动刀（S刀） Rotary Cutter(S blade)	2pcs	2pcs	3pcs	3pcs	3pcs	4pcs
定刀 Fixed blade	3pcs+1pcs	3pcs+3pcs	4pcs+4pcs	4pcs+4pcs	4pcs+4pcs	5pcs+5pcs
刀具结构 Blade Structure	爪刀（Claw Blade）+滚刀（Pineapple Blade）					

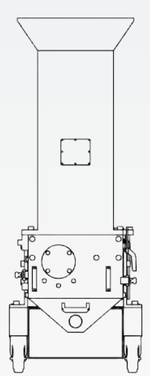
MEDIUM SPEED GRANULATOR
中速粉碎机

适用于水口料之粉碎再利用，专门设计能粉碎较硬的工程塑胶，又可粉碎较软的通用塑胶。适中的转速将粉屑、噪音的产生及刀具磨损降到最低点，动刀与定刀采用优质合金材质，使用寿命长。具有粉尘少、低噪音、低能耗，操作简便，性能优异的优点，并且设置多种安全保护装置，确保操作安全。

Medium speed granulatoss are mainly used for crushing and recycling plastic runners. It is specially designed for both rigid engineering plastics and soft general-purpose plastics. The moderate rotating speed minimizes dust, noise and blades wear. Both rotating and fixed blades are made of high-quality alloy for long service life. Featuring low dust, low noise, low power consumption, easy operation and reliable performance, it is fitted with multiple safety protection devices to guarantee operational safety.

产品结构图 | PRODUCT STRUCTURE DIAGRAM





产品特征 | PRODUCT FEATURES

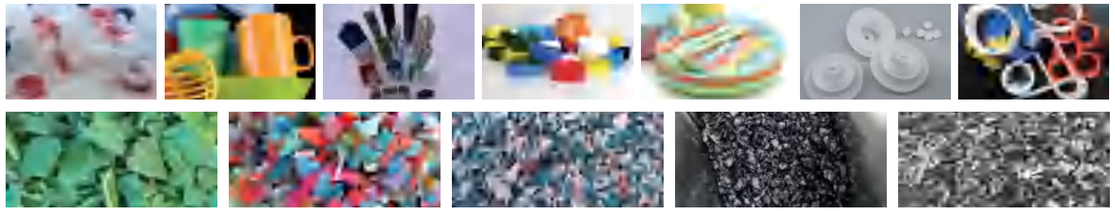
- → 粉尘少、低噪音、低能耗。
- → 高品质的粉碎颗粒，低转速特制减速马达 (150r/min)。
- → 刀具材质采用优质 Cr12MOV，经久耐用。
- → 快速换刀与快速更换筛网设计，维修与保养非常简便。
- → 能粉碎较硬的工程塑料，又可粉碎较软的通用塑料。
- → 安全防护装置完善，性能稳定可靠。

- → Low dust, low noise and low power consumption.
- → Produce uniform regrind, equipped with special low-speed reduction motor (150r/min).
- → Blades adopt high-quality alloy for long service life.
- → Quick-change design for blades and screens, easy for maintenance.
- → Applicable to both rigid engineering plastics and soft general-purpose plastics.
- → Complete safety devices ensure stable and reliable operation.

刀具展示 | BLADE DISPLAY

刀具结构图 | BLADE STRUCTURE

实验案例 | PRODUCT PICTURES



产品参数 | PRODUCT PARAMETERS

型号 Model	PM-270	PM-290	PM-380	PM-430
粉碎能力(kg/h) Crushing Capacity	20	25	30	35
功率(KW) Power	2.2	2.2	3.7	3.7
粉碎仓口径(mm) Crushing Chamber	236*270	291*270	375*305	430*270
投入口尺寸(mm) Size of inlet	315*270	315*270	435*306	422*347
回转刀直径(mm) Rotary Cutter Diameter	180*28	180*28	180*28	180*28
数量 Quantity	8pcs	10pcs	13pcs	15pcs
定刀 Fixed blade	2pcs	2pcs	2pcs	2pcs
转速(r/min) Speed	143	143	143	140
整机尺寸(mm) Overall Dimensions	910*515*1242	990*515*1242	1190*555*1480	1040*850*1335
重量(kg) Weight	185	192	265	230
筛网孔径(mm) Sieve Mesh Aperture	6	6	6	6

INTEGRATED SHREDDER AND CRUSHER
撕碎粉碎一体机

属于无筛网型塑胶回收粉碎机。20~25rpm低速运转，齿啃式刀具设计，专门设计用于粉碎各类硬性及易脆塑胶之不良产品，次品的机边粉碎回收利用;尤其适合粉碎回收PC、尼龙、ABS等硬质水口料。具有转速低，扭矩大，噪音低，产生粉尘少;方便清理，操作简便的优点，而且具备产品粉碎颗粒均匀，粉碎效果极佳，设备运转中无过热现象，使用寿命长等特点。

As Low Speed Sound-Proof Granulators are non-meshslow speed plastic recycling units with 20-25rpm whichspecially designed with teeth cutters for crushing variousdefective products made of rigid plastics and brittle plasticssuch as PC, nylon, ABS and so on. All these models arecharacterized with low speed & high torque, low noise, lesspowder pollution, easy operation, granulating in even, no-overheating in operation and long service life.

产品特征 | PRODUCT FEATURES

- → 喂料机采用后壁的管材，体积小，
- → 塑料生产厂的废旧中空、片材、板材
- → 挤出生产线产生的流料。
- → 刀具非常耐磨,使用方便、寿命长
- → 超负载反转系统，对设备全方位保护。
- → 低转速，慢刀撕碎不会粘结熔化塑料物料，满足成品料要求
- → 噪音低、能耗小、撕碎粒度均匀

- → The feeding machine adopts the pipe material of the backwall, the volume is small.
- → Waste hollows, sheets and plates from plastic productionplants
- → Run-off from an extrusion line.
- → The cutting tool is wear-resistant, easy to use and has along service life.
- → Overload reverse system, all-round protection of equipment.
- → Low rotation speed, slow knife tear will not bond melted plasticmaterials, meet the requirements of finished materials.
- → Low noise, low energy consumption, uniform particle size

刀具展示 | BLADE DISPLAY

实验案例 | PRODUCT PICTURES

产品参数 | PRODUCT PARAMETERS

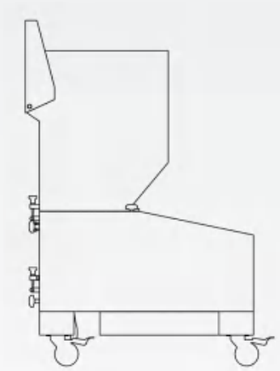
型号Model	Shredder and Crusher 2 in 1 machine
粉碎仓口径 Crushing Chamber(mm)	320*400
投入口尺寸 Size of inlet(mm)	250*400
动刀Rotary Cutter	13*2pcs
粉碎能力 Crushing Capacity(kg/h)	50-80
刀具材质 Tool material	SKD-11
电压 Voltage(V)	380
频率 Frequency(Hz)	50
粉碎主轴功率 Crushing Spindle Power(kw)	4*2+3.7
机身尺寸 Dimension(LxWxH)(mm)	1810*890*1820
Appliance Brands	Siemens/Chint

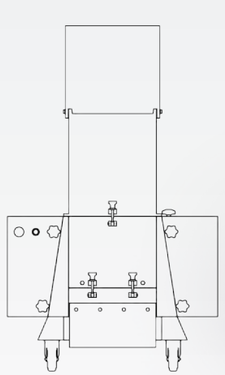
STANDARD GRANULATOR
强力粉碎机

适用于各类硬性塑胶之粉碎再利用，效果更佳。刀架优化设计，又分为爪刀型和平刀型。爪型刀可分散受力度，使得每片刀的剪切加大，尤其适合厚件产品及大块胶头，硬质料块等，有效的提高了刀具切削力、减少刀具磨损。设有电控安全设计，多项安全保护装置，确保操作安全。

Standard granulators are mainly used for crushing and recycling various rigid plastics with superior performance. The optimized cutter holder design is available in two types: claw type and flat type. The claw-type cutter evenly distributes the force to enhance the shearing power of each blade. It is especially suitable for thick-walled parts, large sprues and hard lumps, effectively improving cutting efficiency and reducing tool wear. Equipped with an electronic safety design and multiple safety protection devices to ensure safe operation.

产品结构图 | PRODUCT STRUCTURE DIAGRAM





产品特征 | PRODUCT FEATURES

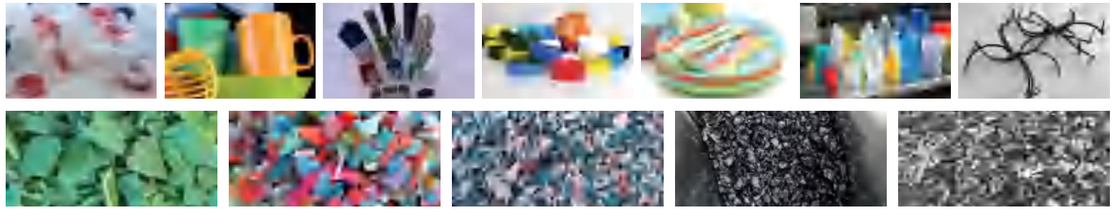
- → 适合粉碎大块的各种材质形状的不良品，可集中粉碎回收。电机附有过负荷保护装置，并有电源连锁保护系统，附有清洁刀具保护装置操作、清理方便安全；确保维护人员的安全。
- → 刀具采用优质合金材质，经久耐用。
- → 筛网孔径可接受订做。
- → 设计独特，功率小，效率佳，噪音低。
- → 粉碎透明料和白色料时，进料斗和筛网需订做不锈钢，以免在粉碎时油漆脱落，污染原料影响颜色。
- → 易拆式设计：料斗，刀具，过滤网均可拆卸，易清洗。

- → Suitable for granulating large defective plastic parts of various materials and shapes, allowing centralized crushing and recycling.
- → The motor is equipped with an overload protector and an interlock power safety system. A cutter protection device ensures safe and convenient operation and cleaning, safeguarding maintenance personnel.
- → Blades are made of high-quality alloy material for long service life.
- → Custom screen mesh sizes are available upon request.
- → Unique design with low power consumption, high efficiency, and low noise.
- → For granulating transparent and white materials, the hopper and screen must be made of stainless steel to avoid paint peeling, which would contaminate the material and affect its color.
- → Easy-disassembly design: the hopper, cutters, and screen can all be removed for simple cleaning

刀具展示 | BLADE DISPLAY

刀具结构图 | BLADE STRUCTURE

实验案例 | PRODUCT PICTURES



产品参数 | PRODUCT PARAMETERS

型号 Model	PB-180	PB-250	PB-300	PB-400	PB-500	PB-600	PB-700	PB-800	PB-1000
粉碎能力(kg/h) Crushing Capacity	50-100	150-200	200-300	250-450	400-700	450-800	500-1000	650-1300	750-1500
功率(KW) Power	1.5/2.2	4	5.5	7.5	11	15	22	30	37
投入口尺寸(mm) Size of inlet	110*180	250*160	320*200	420*220	500*310	600*330	700*330	800*520	1000*610
料屉尺寸(mm) Material Tray Dimensions	250*300	700*300	795*390	860*490	1070*620	1070*710	1050*810	930*1270	1130*1270
旋转刀 Qty of Rotating Blade	9	6	9	12	15	18	21	24	30
固定刀 Qty of Fixed Blade	2	2	2	2	2	4	4	4	4
两边档片直径(mm) Diameter of the side guide plates	10	199	219	249	259	299	299	399	399
筛网孔径(mm) Sieve Mesh Aperture	6	8	8	10	10	10	10	12	12
刀轴转速 (r/min) Rotor Speed	520	617	617	650	627	576	576	480	480
整机尺寸(mm) Overall Dimensions	680*520*1040	860*675*1150	940*750*1250	1000*890*1400	1115*1000*1510	1180*1110*1655	1260*1210*1745	1730*1410*2240	1900*1605*2400
重量(kg) Weight	126	235	287	405	516	758	810	1700	1900

SINGLE SHAFT SHREDDER
单轴撕碎机

产品应用 | PRODUCT APPLICATION

- 塑料-注盟、挤出、吹膜等通用塑料、机头块料(通用塑料为主例如：PE PP PVC)等
- 电缆一铜芯、铝芯电缆及复合材料电缆
- 铝-易拉罐、铝屑等
- 轻薄金属-铁屑、铜屑等
- 安全销毁品-仿制品(赝品)、不合格产品，过期物品等

- Plastics-general plastics such as injection molding,extrusion,blown film,etc.,machine head blocks (mainly general plastics such as:PE PP PVC),etc.
- Cables-copper core,aluminum core cables and composite material cables
- Aluminum-cans,aluminum shavings,etc.
- Light and thin metals-iron flings,copper filings,etc.
- Safety destruction of goods-imitations(fake goods),substandard products,expired items,etc.

产品优势 | PRODUCT ADVANTAGES

- 单轴撕碎机转子上的刀座和刀片可拆卸，便于清洁、维护、保养；
- 单轴撕碎机每把动刀有4个切削刃，磨损后可旋转90°继续使用；
- 单轴撕碎机主轴由齿轮减速箱驱动，运行平稳，噪音低，扭矩大；
- 单轴撕碎机采用PLC程序控制系统，可自动正反转，使机器运行更安全可靠；
- 单轴撕碎机的箱体采用焊接，焊后回火处理，消除了焊接应力；
- 单轴撕碎机动刀安装位置采用加工中心精密加工，确保每一个动刀与定刀的间隙相同；
- 单轴撕碎机动刀座采用嵌入式方式用高强度螺钉连接在刀轴上，可有效防止焊接式在长期震动后产生的掉刀现象。

- The knife holder and blade on the rotor of the single-shaft shredder are removable for easy cleaning,maintenance and upkeep;
- Each rotary knife of the single-shaft shredder has 4 cutting edges,which can be rotated 90° for continuous use after wear;
- The main shaft of the single-shaft shredder is driven by a gear reduction box,with smooth operation,low noise and high torque;
- The single-shaft shredder adopts a PLC program control system and can automatically rotate forward and reverse,making the machine operation safer and more reliable;
- The box body of the single-shaft shredder is welded and tempered after welding to eliminate welding stress;
- The installation position o the single-shaft shredder motor knife is precision processed by a machining center to ensure that the gap between each rotary knife and fixed knife is same;
- The single-shaft shredder's rotary knife holder is connected to the knife shaft with high-strength screws in an embedded manner,which can effectively prevent the welded knife from falling after long-term vibration.

产品参数 | PRODUCT PARAMETERS

Model 机型	Motor Power 电机功率 (kw)	Diameter of Rotor 转子直径 (mm)	QTY of Rotary Blades 动刀数量 (pcs)	QTY of Fixed Blades 定刀数量 (pcs)	Feeding Size 进料口尺寸 h*w(mm)	Dimension 外形尺寸 l*w*h(mm)	Capacity 产量 (kg/hr)
PSS 600	22	280	26+4	2	1250*1070	2290*1560*1840	300-500
PSS 800	45	400	34+4	2	1600*1200	2750*1800*2190	400-700
PSS 1000	55	400	46	2	1600*1500	3150*2100*2300	600-1000
PSS 1200	75	400	68	2	1800*1600	3250*2200*2300	800-1200
PSS 1500	90-110	400	78	3	2100*2000	3500*2500*2400	1500-2000
PSS 1800	110-180	500	98	3	2100*2000	4000*2800*2500	2000-3000
PSS 2000	180-220	600	110	4	2100*2000	4500*3200*2600	3000-5000