



CUTTER COMPACTOR PLASTIC RECYCLING MACHINE



KRIEGER SERIES CUTTER COMPACTOR PLASTIC RECYCLING MACHINE

Versatile processed material

PP, BOPP, HDPE, LDPE, LLDPE, and more.
Packaging films, PP woven/raffia, washed squeezed PE films, flakes,
bottle scraps, Post-industrial scraps, edge-trimmed and
cutting-edge materials.

A Feeding

Plastic film nip roller Input:
film roll, edge-trim film.

Metal detector

B Crushing

D Pelletizing

C Extrusion

E Cooling

F Dewatering

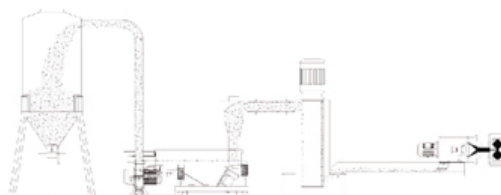
G Storage

Pelletizing Systems

Hot Die Face pelletizing



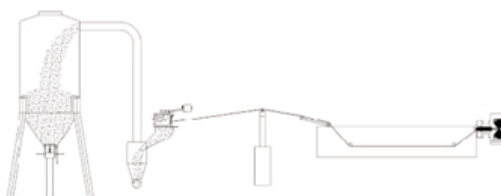
- ▶ Reduces the labor cost of drawing strands
- ▶ Final plastic pellets in uniform size
- ▶ Pelletizing system is a universal joint design. Dust-free.



Strand pelletizing



- ▶ Mainly designed for high viscosity



KRIEGER SERIES

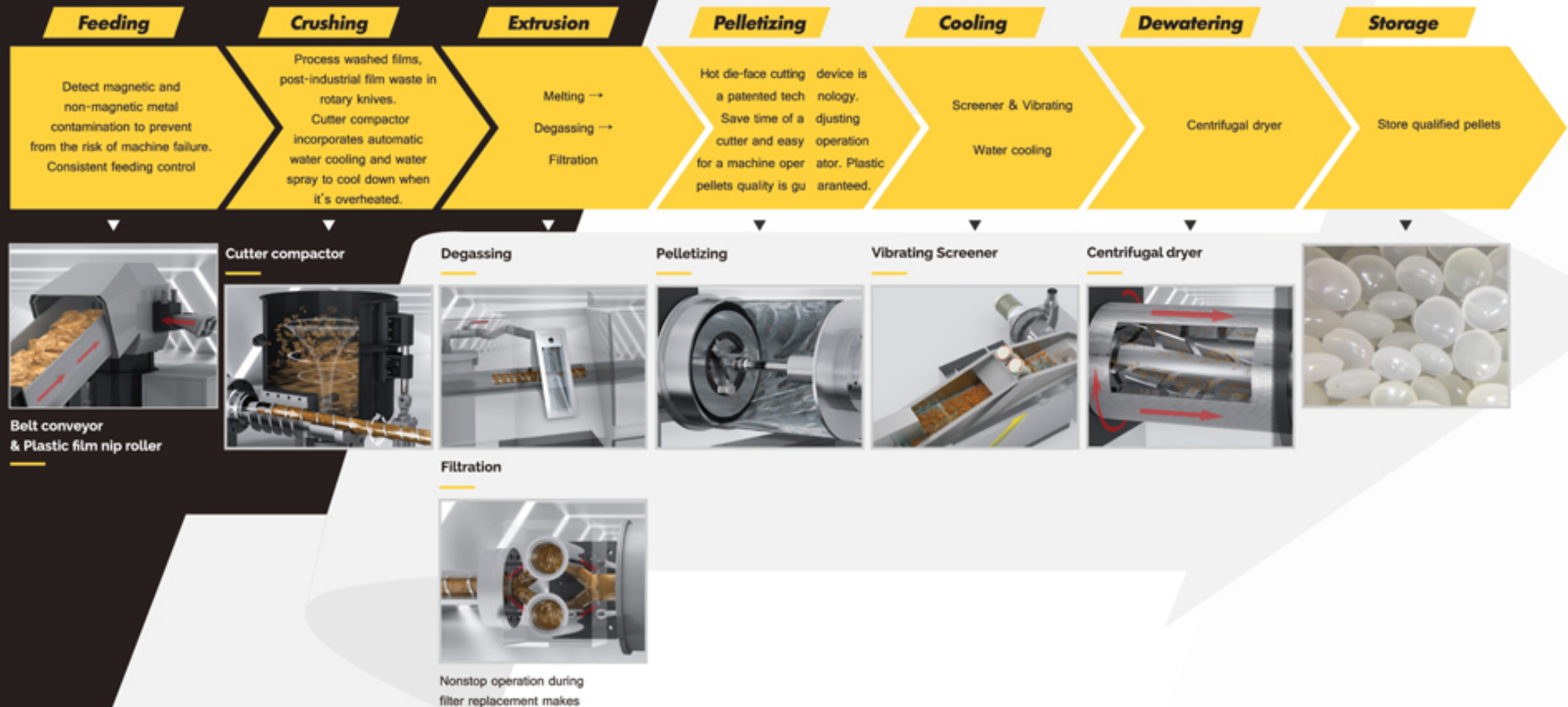
Model	KR-85	KR-100	KR-125	KR-150	KR-175
Output (kg/hr)	200-300	300-400	450-600	700-800	900-1100
Main Drive	56.25KW	93.75KW	112.5KW	150KW	262.5KW
Cutter compactor	45KW	56.25KW	75KW	131.25KW	150KW
Screw diameter	Φ85mm	Φ100mm	Φ125mm	Φ150mm	Φ175mm

What is CUTTER COMPACTOR PLASTIC RECYCLING MACHINE?

Cutter Compactor Plastic Recycling Machine is also known as 3 in 1 plastic recycling machine in Asia. The reform of traditional plastic recycling machine has a beneficial effect on end users. The biggest difference is that 3 in 1 is an integrated system. Cutter Compactor Plastic Recycling Machine performs three individual functions of cutting, extruding and pelletizing.

How does cutter compactor plastic recycling machine work?

**Compact design,
integrated machine
No precutting, All in One**



TWO STAGE CUTTER COMPACTOR PLASTIC RECYCLING MACHINE

Applicable materials

PP, BOPP, HDPE, LDPE, LLDPE, ABS, HIPS,
PP raffia , nonwoven bag.

Two stage cutter compactor plastic recycling machine
is designed specifically for washed material,
post-consumer waste, plastic films and water
content materials.



Double degassing with
vacuum pump

Slide plate screen changer

Final products: plastic pellets



KRIEGERi SERIES (Two Stage)

Model		KR-100i	KR-125i	KR-150i	KR-175i
Output (kg/hr)		250~350	350~500	450~700	750~950
Cutter compactor		56.25KW	75 KW	112.5KW	150KW
Main extruder	Screw dia.	Φ100 mm	Φ125 mm	Φ150 mm	Φ175 mm
	Drive	93.75 KW	112.5 KW	150KW	262.5 KW
Sub extruder	Screw dia.	Φ115 mm	Φ135 mm	Φ165 mm	Φ185 mm
	Drive	37.5 KW	45 KW	56.25 KW	75 KW

Recycled materials



Application example

Worldwide machine installation

Test operation is required!

EVERY machine is under practical operation with customer's specific test material.



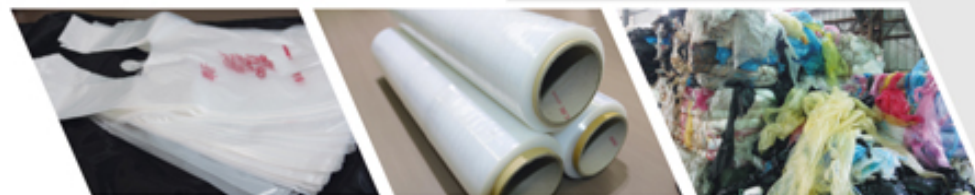
High performance KRIEGER SERIES for cross-national cooperation. Normally, three meshes is basic equipment for a cutter compactor plastic recycling machine. In this case, it has four sieves with fine and large meshes and the largest mesh is #150. The customized filter design greatly removes the impurities from the recycled waste.

Cutter compactor plastic recycling machine sold to CA, USA. The machine sold to US reaches UL & CE standard. The buyer is packaging film products manufacturer. There is a need to recycle all scrap films and edge-trimmed materials from production and packaging in respond to global market trend, public awareness of environmental concerns and also saving the cost of raw materials prominently.



Plastic film recycling / Agricultural Waste Film Recycling

Agricultural film consists mainly of PE. Agricultural films are banana film, plastic mulch, and greenhouse film. The recycled pellets can be used to produce agricultural film, chemical fertilizer bag, garbage bag, recycled pipes, plastic barrel and pot for agricultural purpose.



More output, less power consumption



Save energy up to 20% Use
German speed reducer motors



Optimal plastic pellets
Perfect unity of plastic pellets



Highly
efficient production



Stable processing



Customer satisfaction

Product Advantages

Top Quality

Genius is a prestigious plastic recycling machinery manufacturer in Taiwan. Our customers have been enjoying a variety of advantages in particular in terms of the dedicated screw designed by our R&D team including good mixing, good dispersion, high productivity, and so on.



Perform three individual functions of cutting, extruding and pelletizing.

Energy Saving:

We use speed reducer motors from Germany. Statistics show that energy can be saved by 20%.



Space Saving:

Cutter Compactor plastic recycling machine integrates shredding, extruding and pelletizing into one machine. Besides, the hot die-face pelletizing reduces the labor cost of drawing strands. Without water cooling bath, Cutter Compactor plastic recycling machine takes less space.



Efficiency Improvement:

Dual pistons hydraulic screen changers keep the machine operating nonstop even when replacing the filter screen. It greatly increases overall throughput and minimizes the chance of waste.



About us

Genius Machinery Co., Ltd. was founded in 1992. For over forty years of experience in plastic recycling machine, we have dedicated to putting the innovations into practice to satisfy the needs of customers. Genius specializes in plastic recycling machinery which covers from plastic pelletizer, plastic washing plant, plastic crusher, plastic shredder to plastic recycling plant design and planning.



Innovative Technology

Our team pursues growth, excellence and environmental protection. Our professional R&D team has paid the unmatched attention to product quality and durability. Genius always meets the demands of customers with the latest design technology. Experienced staff and state of the art processing technology are our strength which tells the difference between us and others. At Genius, we master welding and drilling skills which are essential parts of production.



Global Vision

Our target customers are not only in Taiwan, but also worldwide. We aim to embrace the customers from all over the globe and build enduring relationship with our clients. Our export destinations include United States, Europe, South Africa, Egypt, China, Indonesia, Malaysia, the Philippines, Saudi-Arabia, Japan, Algeria and so on. We will keep expanding our horizon and let the world see the pride of Taiwan, the excellent technology, reputation and quality.





A Master of Plastic Recycling Solutions

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