

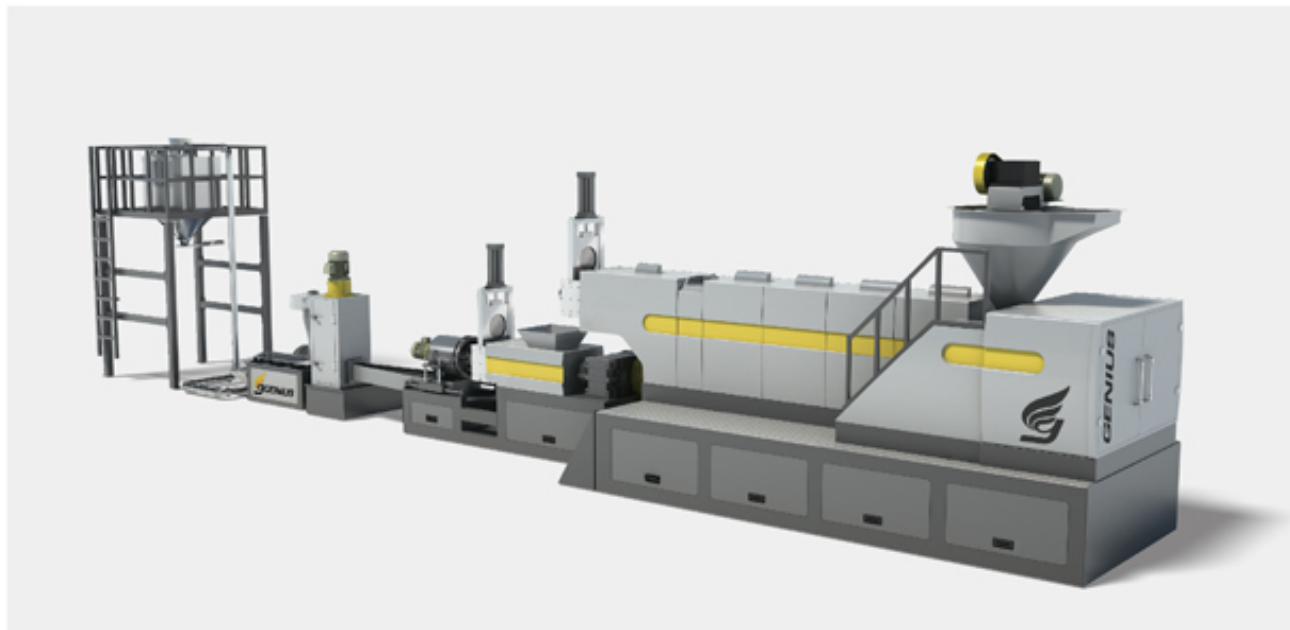
塑膠回收造粒機

PLASTIC
RECYCLING
PELLETIZER



H-DFCi Series

Two Stage Hopper Feeding Plastic Recycling Machine



Feature:

1. The hopper feeding plastic recycling machine is especially designed for plastic waste scrap crushed from plastic lumps and films as well.
2. Dedicated screw and barrel design: According to the characteristics of recycling materials, dedicated screw is designed to completely impurities such as water and bad air; the screw also has a variety of advantages, for examples, good mixing, good dispersion, high output and others.
3. Double vent holes design speeds up the evaporation of water within barrel.
4. Finished plastic pellets contain no air bubbles. Easily manager the material sources for making pellets.

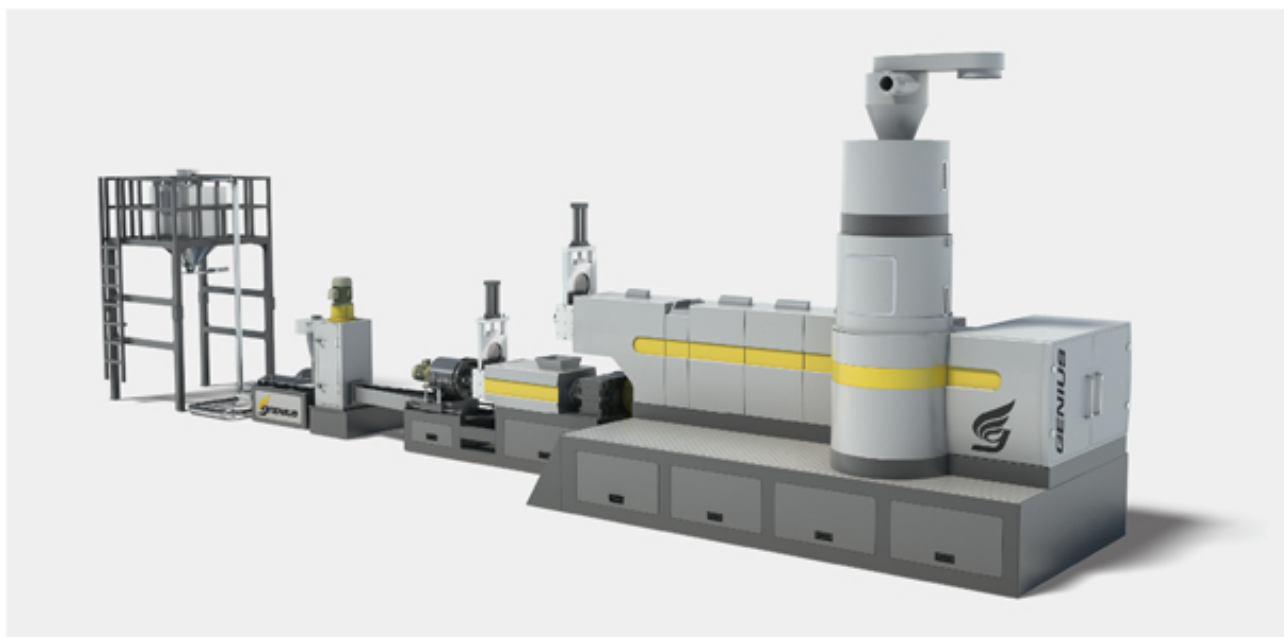
Model #		H-DFC-100i H-SPR-100i	H-DFC-125i H-SPR-125i	H-DFC-150i H-SPR-150i	H-DFC-175i H-SPR-175i
Description					
Force feeding motor		5HP	7½HP	7½HP	7½HP
Extrusion capacity		200-300 kg/hr	300-450kg/hr	450-600 kg/hr	700~900 kg/hr
Main extruder	Screw dia.	Ø100 mm	Ø125 mm	Ø150 mm	Ø175 mm
	Motor	125HP	150HP	200HP	350HP
Sub extruder	Screw dia.	Ø115 mm	Ø135 mm	Ø165 mm	Ø185 mm
	Motor	50HP	60HP	75HP	100HP
Hydraulic screen changer motor		5HP	5HP	7½HP	10HP
Vibrating screener	Motor	¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	½HP x 2 pcs
	Blower motor	3HP	5HP	7½HP	10HP
Silo capacity		600 L	800 L	800 L	1000 L

*DFC = Die Face Cutting * SPR = Strand Cutting

※ Applicable materials: PE、PP、HIPS、PS、ABS、PC、PET、Nylon and etc.

S-DFCi Series

Two Stage Side Feeding Plastic Recycling Machine



Feature:

1. The side feeding plastic recycling machine is especially designed for plastic film and fluffy materials and also work-able for rigid materials as well.
2. Die-face pelletizing is expected to reduce manpower cost. Pelletizing knives are center self-adjusted so that they can pelletize the material precisely and powder free. Die face cutting ensures the final plastic pellets in uniform size.
3. Extruder is equipped with pressure sensor (optional). Where there is excessive pressure, warning light or buzzer send notification for replacing filter screen. No need to shut down the machine when replacing the filter screen
4. Drive train: High torque gearbox made with precision grinding. Low noise, steady and smooth operation. Low power consumption and high output.

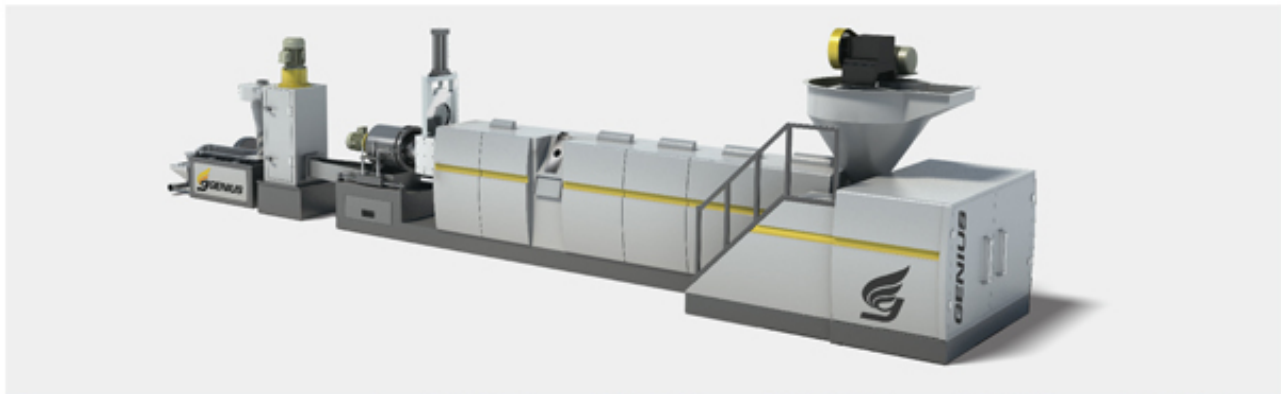
Description		Model #	S-DFC-100i S-SPR-100i	S-DFC-125i S-SPR-125i	S-DFC-150i S-SPR-150i	S-DFC-175i S-SPR-175i
Side feeding motor			7½HP	10HP	15HP	15HP
Extrusion capacity			200~300 kg/hr	300~450 kg/hr	450~600 kg/hr	700~900kg/hr
Main extruder	Screw dia.		Φ100 mm	Φ125 mm	Φ150 mm	Φ175 mm
	Motor		125HP	150HP	200HP	350HP
Sub extruder	Screw dia.		Φ115 mm	Φ135 mm	Φ165 mm	Φ185 mm
	Motor		50HP	60HP	75HP	100HP
Hydraulic screen changer motor			5HP	5HP	7½HP	10HP
Vibrating screener	Motor		¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	½HP x 2 pcs
	Blower motor		3HP	5HP	7½HP	10HP
Silo capacity			600 L	800 L	800 L	1000 L

*DFC = Die Face Cutting * SPR = Strand Cutting

※ Applicable materials: PE 、 PP 、 HIPS 、 PS 、 ABS 、 PC 、 PET 、 Nylon and etc.

H-DFC series

Single Stage Hopper Feeding Plastic Recycling Machine



Model #		H-DFC-85 H-SPR-85	H-DFC-100 H-SPR-100	H-DFC-125 H-SPR-125	H-DFC-150 H-SPR-150	H-DFC-175 H-SPR-175
Description						
Force feeding motor		3HP	5HP	7½HP	7½HP	7½HP
Extrusion capacity		150~250 kg/hr	250~350 kg/hr	400~550 kg/hr	550~700 kg/hr	750~1000 kg/hr
Screw diameter		Φ85 mm	Φ100 mm	Φ125 mm	Φ150 mm	Φ175 mm
Main motor		75HP	125HP	150HP	200HP	350HP
Hydraulic screen changer motor		3HP	3HP	5HP	7½HP	10HP
Vibrating screener	Motor	¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	½HP x 2 pcs
	Blower motor	3HP	7½HP	7½HP	10HP	10HP
Silo capacity		600 L	600 L	800 L	800 L	1000 L

S-DFC series

Single Stage Side Feeding Plastic Recycling Machine



Model #		S-DFC-85 S-SPR-85	S-DFC-100 S-SPR-100	S-DFC-125 S-SPR-125	S-DFC-150 S-SPR-150	S-DFC-175 S-SPR-175
Description						
Side feeding motor		5HP	7½HP	10HP	15HP	15HP
Extrusion capacity		120~180 kg/hr	250~400 kg/hr	300~450 kg/hr	450~600 kg/hr	700~1000 kg/hr
Screw diameter		Φ85 mm	Φ100 mm	Φ125 mm	Φ150 mm	Φ175 mm
Main motor		75HP	125HP	150HP	200HP	350HP
Hydraulic screen changer motor		3HP	3HP	5HP	7½HP	10HP
Vibrating screener	Motor	¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	¼HP x 2 pcs	½HP x 2 pcs
	Blower motor	3HP	7½HP	7½HP	10HP	10HP
Silo capacity		600 L	600 L	800 L	800 L	1000 L

※ Applicable materials: PE、PP、HIPS、PS、ABS、PC、PET、Nylon for post-industrial waste, edge trim, left over or less moisture contained materials.



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.



Our Strength

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.

專業塑膠押出機械 整廠設備設計製造

Major in Plastic Extruder Production and Design



長毅機械工業有限公司
GENIUS MACHINERY CO., LTD.

A. 43444 台中市龍井區麗水里三港路田仔內巷10-5號
No. 10-5, Tianzainei Ln., Sangang Rd., Longjing Dist.,
Taichung City 43444, Taiwan

T. 886-4-2630-1621 F. 886-4-2630-1716

Skype. lwtiou224 E. service@geniusplas.com



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