

Recycling Made Simple



Two Stages. One Step.

Washed film. Heavily-printed film.

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Post-consumer

More Flexible for Recyclers

- Handle heavily-printed films and post-consumer waste like a professional.
- Maximize your profits – increasing the return on your investment.



Application

Post-consumer Waste & Heavily-printed Film

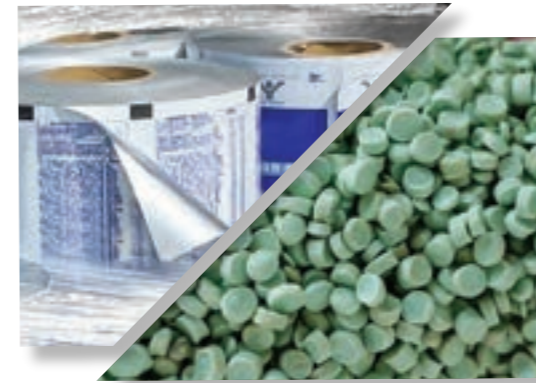
Up to
100% Printed Area



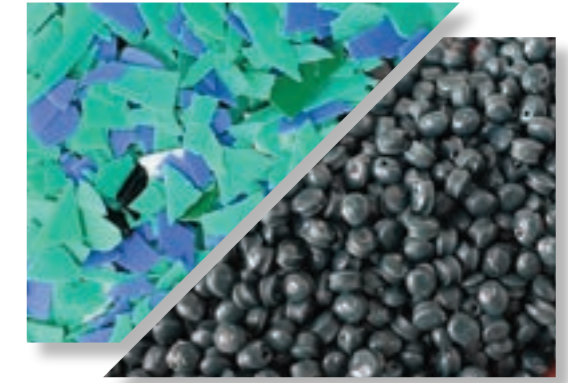
Heavily-printed PE/PP film



Multilayered film



Laminated film-on-rolls



Regrind



Washed and Dried PE/PP film flakes



Soft raffia



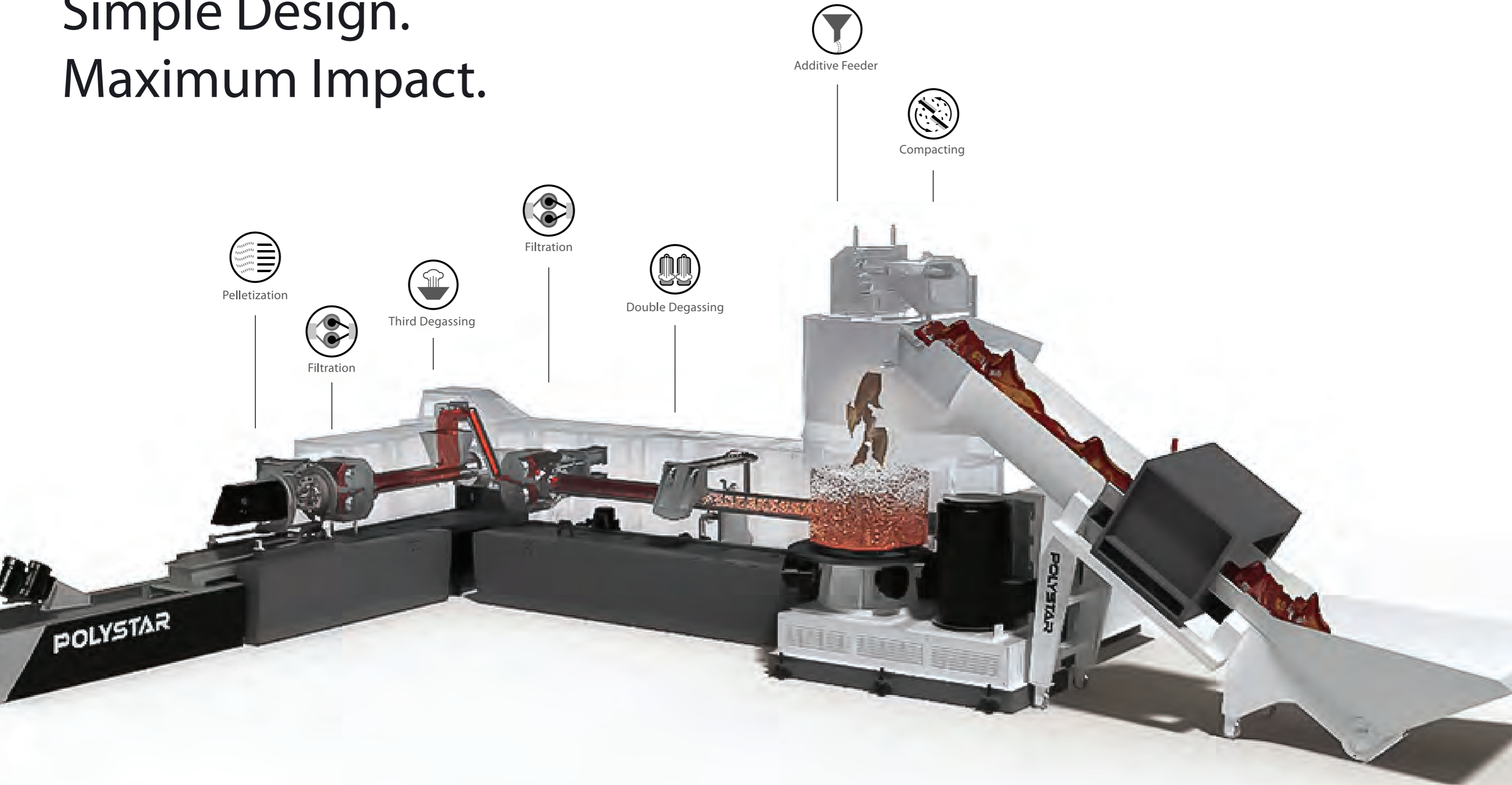
Printed woven bags



Non-printed PE/PP film

Adapt with Ease

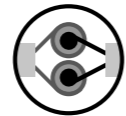
Simple Design. Maximum Impact.



Additive Feeder



Compacting



Filtration



Double Degassing



Third Degassing



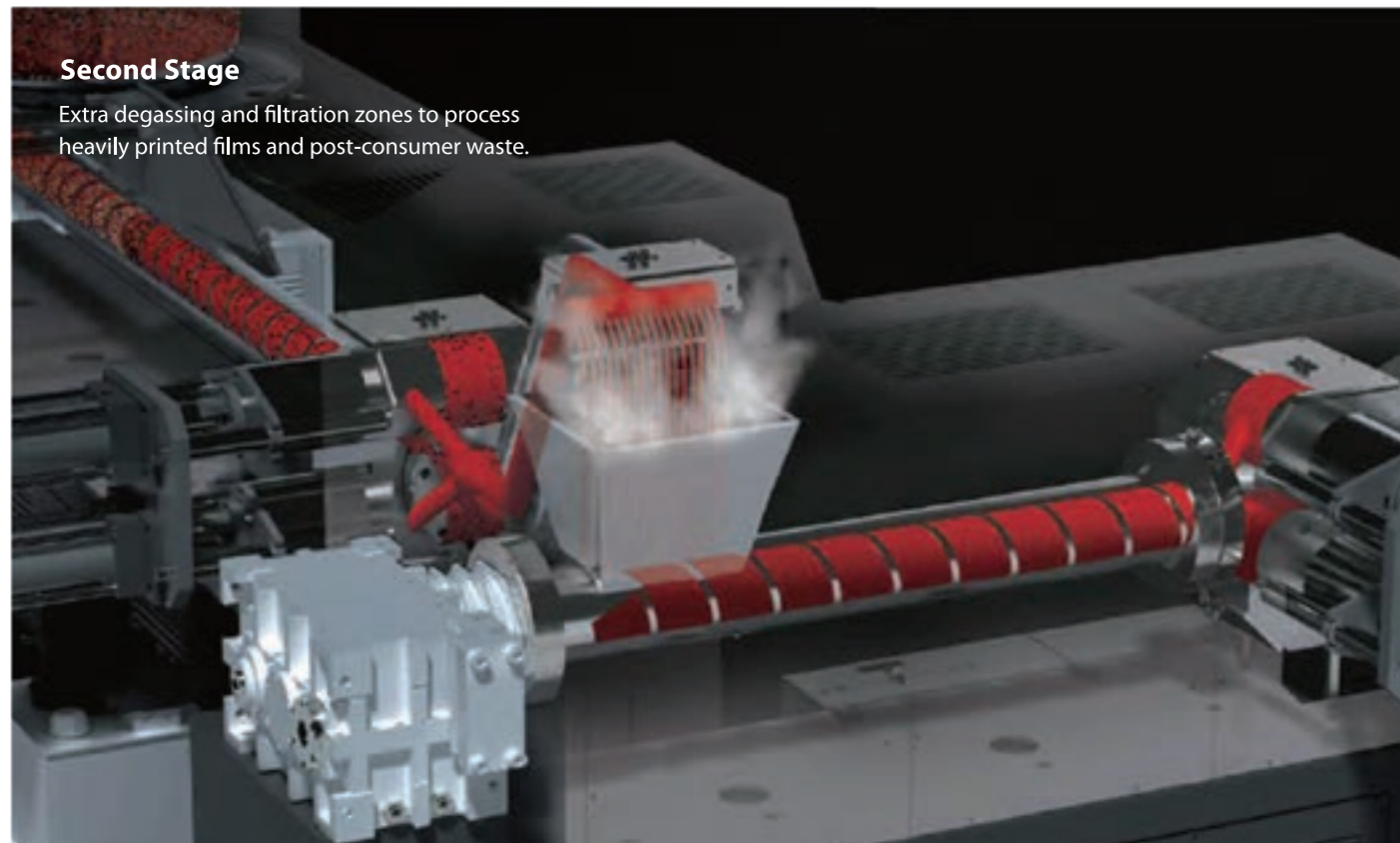
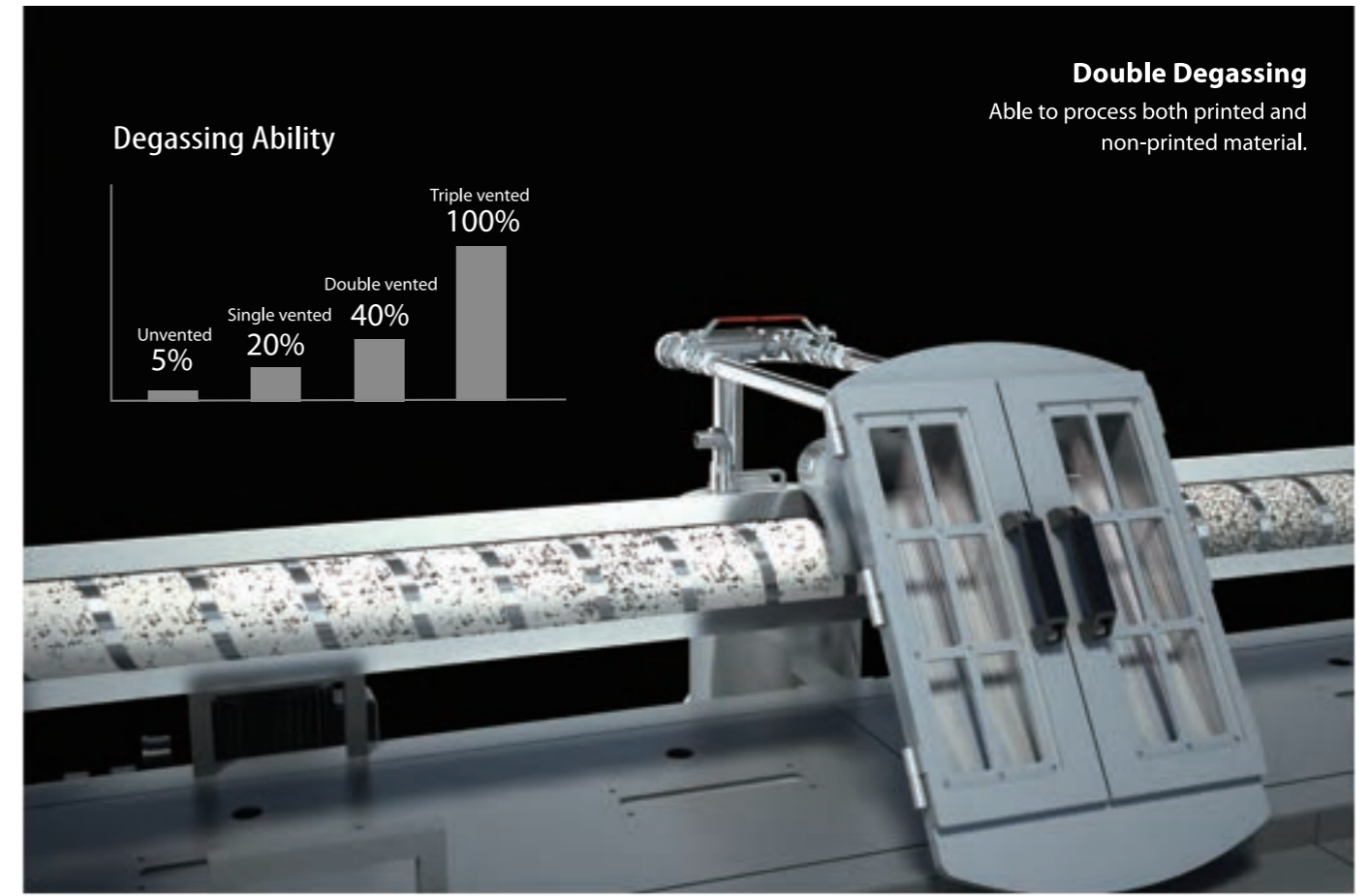
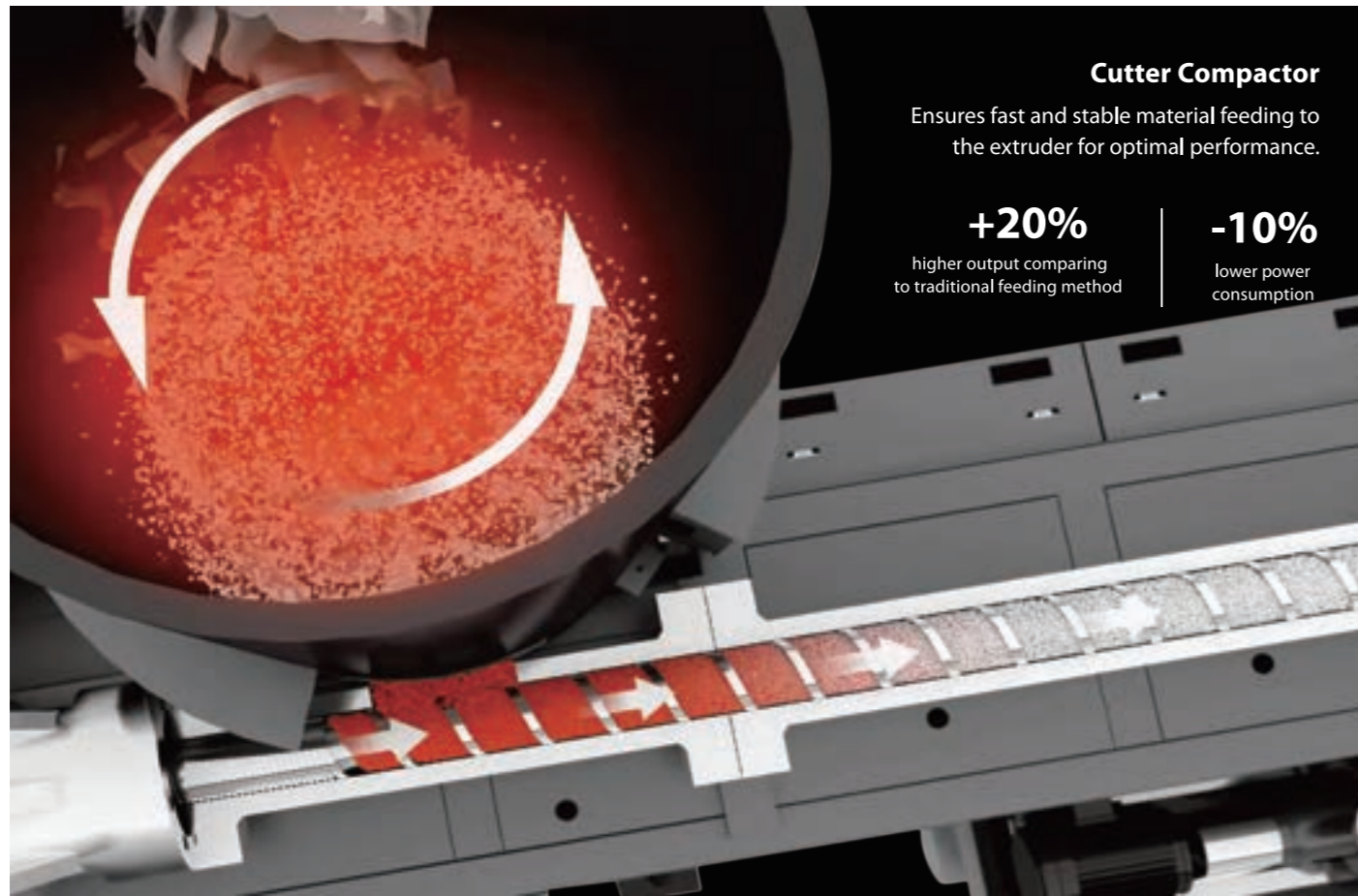
Filtration



Pelletization

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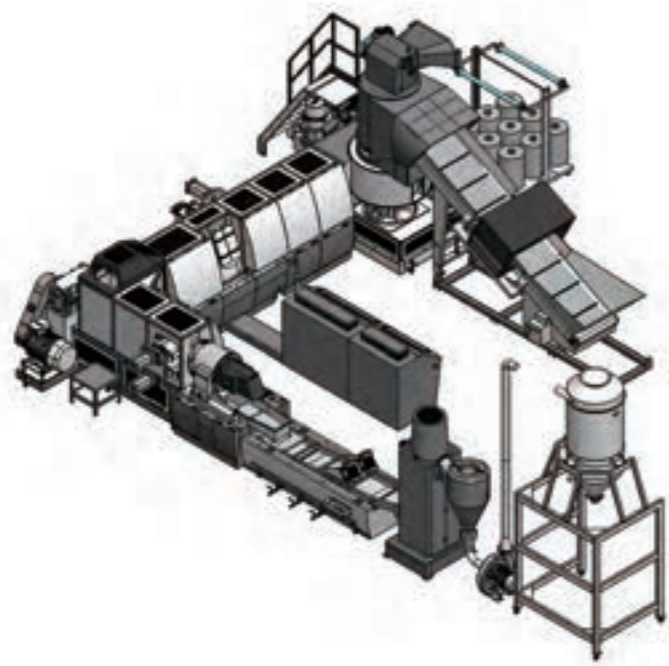




Two Stages. One Step.

Better Degassing. Better Filtration. More Stability.

Model Comparison



Model	*Output range (kg/hr)
Repro-Flex Plus 65	80~100
Repro-Flex Plus 85	150~250
Repro-Flex Plus 100	300~400
Repro-Flex Plus 120	400~600
Repro-Flex Plus 150	700~800
Repro-Flex Plus 165	850~1000
Repro-Flex Plus 180	900~1100

*Output based on post industrial LDPE film, without degassing.

100%

Customization

- Flexible layout options
- Minimal space requirement
- Personalized design to meet your requirement and factory layout



**World's Simplest
Operation System**



Dosing device

Feed pellet form additives, color masterbatches, and CaCO₃ compounds during the recycling process.



Filter re-positioning

Filtration before degassing ensures excellent-quality pellets from heavily-printed waste.





Different options for screen changers

To reduce machine downtime and frequency of changing the mesh.

4 TYPES of One-step, Integrated Systems For Different Recycling Needs!





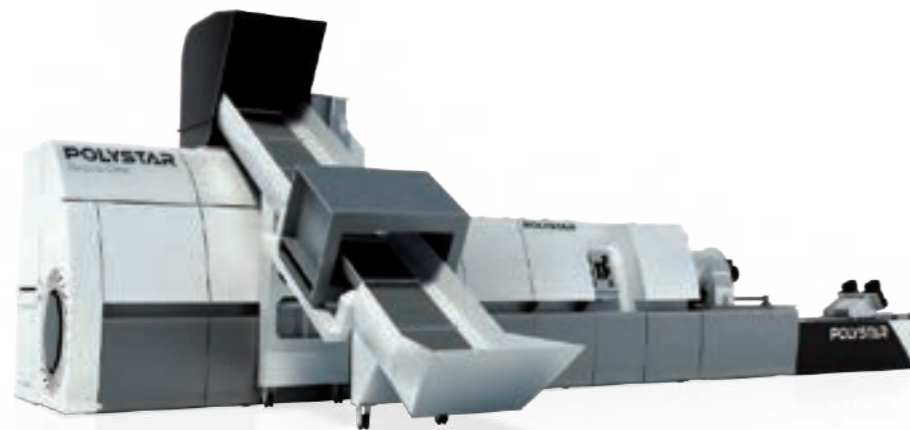
Repro-Flex Plastic Recycling Machine

Directly Process	Integration Type	Production	100~1200 kg/hr	Pelletizing Type	Water (die face)
Film (printed & unprinted)	Cutter-Compactor	Filter	Two-channel	Degassing	1 or 2 ventilations
		Material Type	HDPE, LDPE, LLDPE, PP		
		Advantage & Applications	The cutting-compacting process is ideal for light-weight material, especially film waste.		
		Can Also Process	Washed film flakes, film on-roll, pre-crushed raffia / woven, pre-crushed regrind from injection and blow molded.		





Repro-Direct Hard Plastic Recycling Machine

Directly Process	Integration Type	Production	100~1200 kg/hr	Pelletizing Type	Water (die face)
Rigid Re grind & Hard Plastics	Screw Feeder	Filter	Two-channel	Degassing	1 or 2 ventilations
		Material Type	HDPE, LDPE, LLDPE, PP, PC, PU, BOPP, BOPP+PET, CPP		
		Advantage & Applications	The screw feeding process is ideal for highly abrasive materials in regrind form.		
		Can Also Process	Powder, PS, and ABS.		

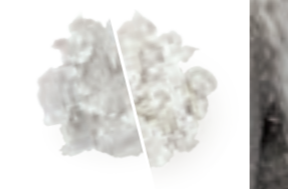
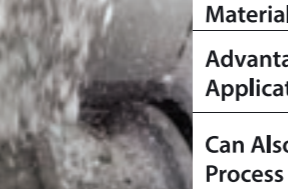


Repro-One Shredder Integrated Recycling Machine

Directly Process	Integration Type	Production	100~500 kg/hr	Pelletizing Type	Water (die face)
Raffia & Rigid plastic	Single Shaft Shredder	Filter	Two-channel	Degassing	1 or 2 ventilations
		Material Type	HDPE, LDPE, LLDPE, PP, PC, PU, BOPP, BOPP+PET, CPP		
		Advantage & Applications	Can process rigid material directly with the powerful shredder.		
		Can Also Process	Film on-roll, lumps, Woven/ nonwoven bag.		



Repro-Dry Pre-washed Film Squeezer Dryer Machine

Directly Process	Integration Type	Production	300 ~ 900 kg/hr	Screw Diameter	Ø 300mm ~ 350mm
Washed Flakes	Hopper Feeding	Final Product	Dried plastic granules	Reduce Water Moisture	1~5%
		Material Type	Dried plastic granules		
		Advantage & Applications	Maximizes output and when working in-line with the combination of the compactor-extruder-pelletizing type of recycling machine.		
		Can Also Process	Post-consumer PE film (pre-washed) LDPE Agricultural film, stretch film PP woven bags, PP jumbo bags		