

Designed by Polaris 2023-03, +886-4-24517070

Recycling Made Simple



Regrind Recycler
Direct Feeding Pelletizing Technology
PE. PP. ABS.PS

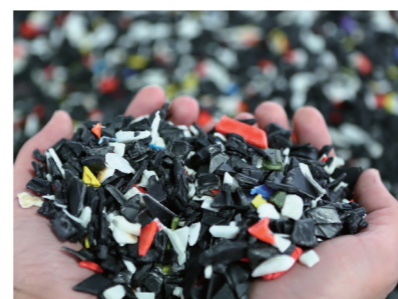
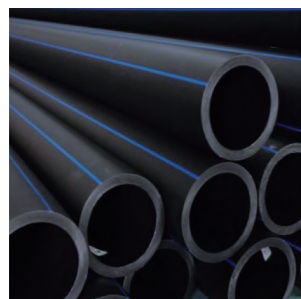
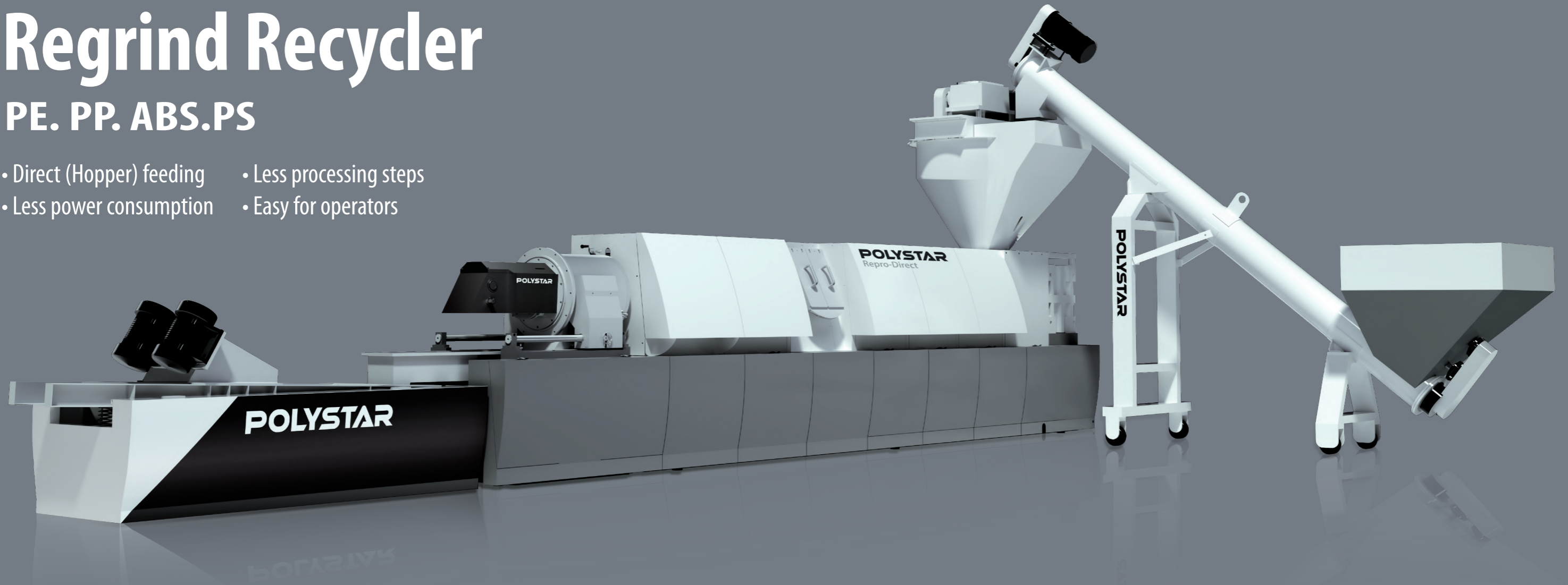
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Regrind Recycler

PE. PP. ABS.PS

- Direct (Hopper) feeding
- Less processing steps
- Less power consumption
- Easy for operators



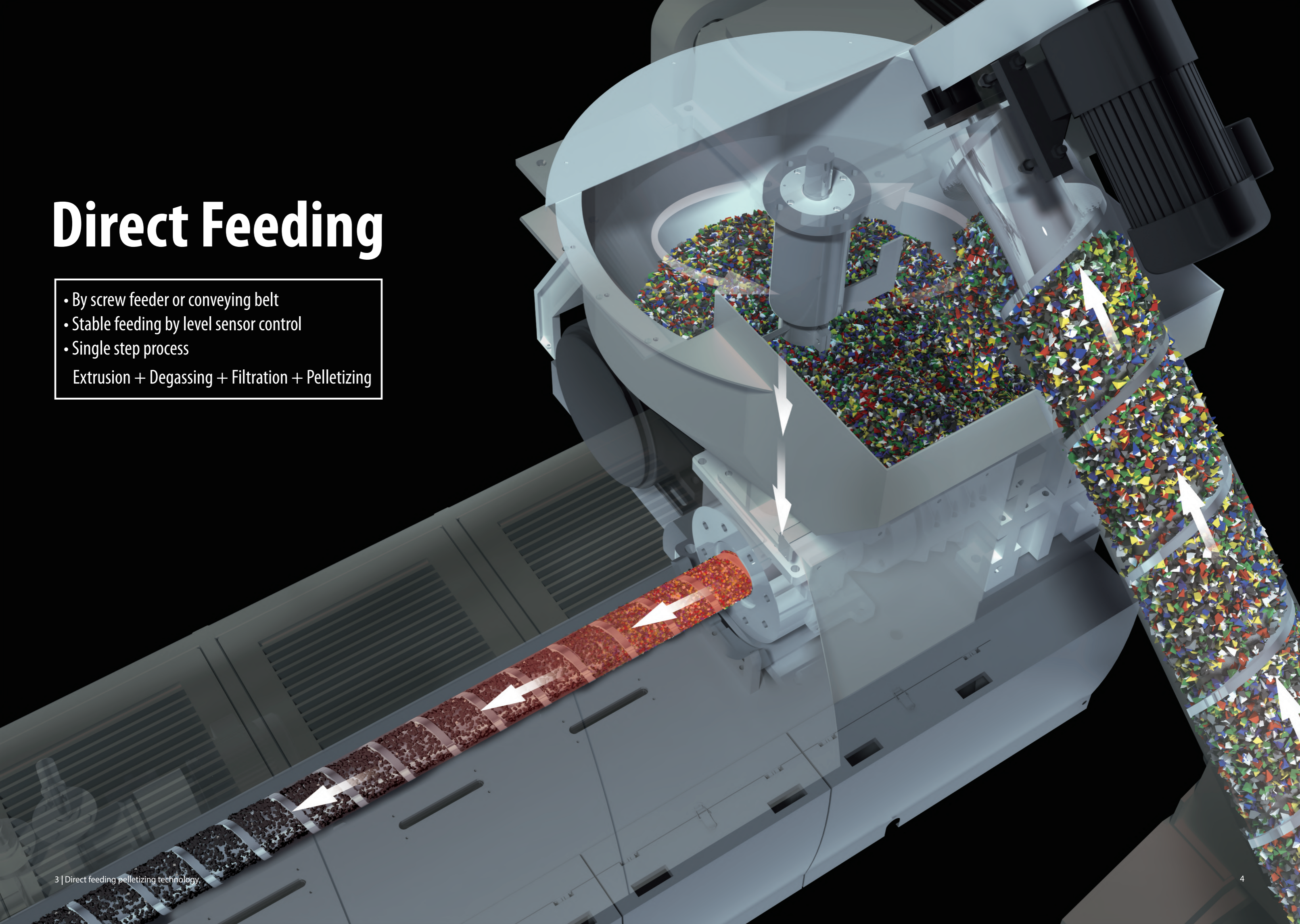
Directly Processes

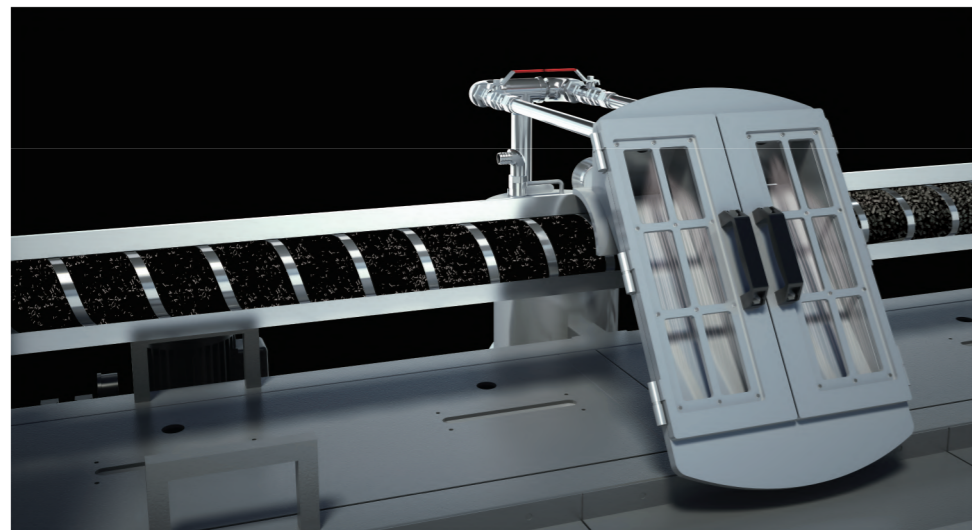
- Rigid regrind of PE,PP,ABS,PS
- Pipes (PE/PP/PPR)
- Powder and lumps (PE/PP)
- HDPE milk bottles / jerry cans
- EPS foam
- E (electronic) waste

Direct Feeding

- By screw feeder or conveying belt
- Stable feeding by level sensor control
- Single step process

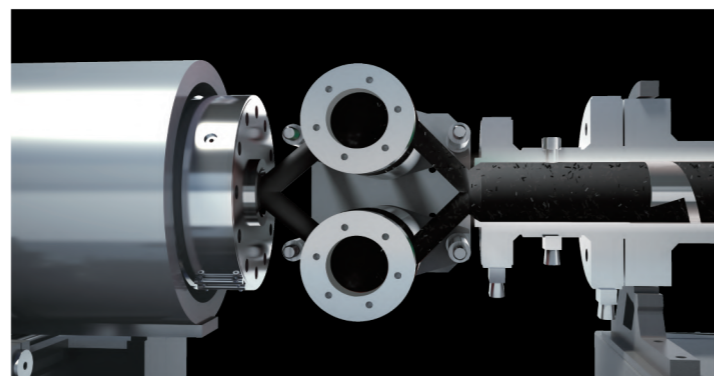
Extrusion + Degassing + Filtration + Pelletizing





Double degassing
Able to process both printed and non-printed material

Two-channel filtration
Filter with dual channel system
For non-stop operation and reduces machine down time



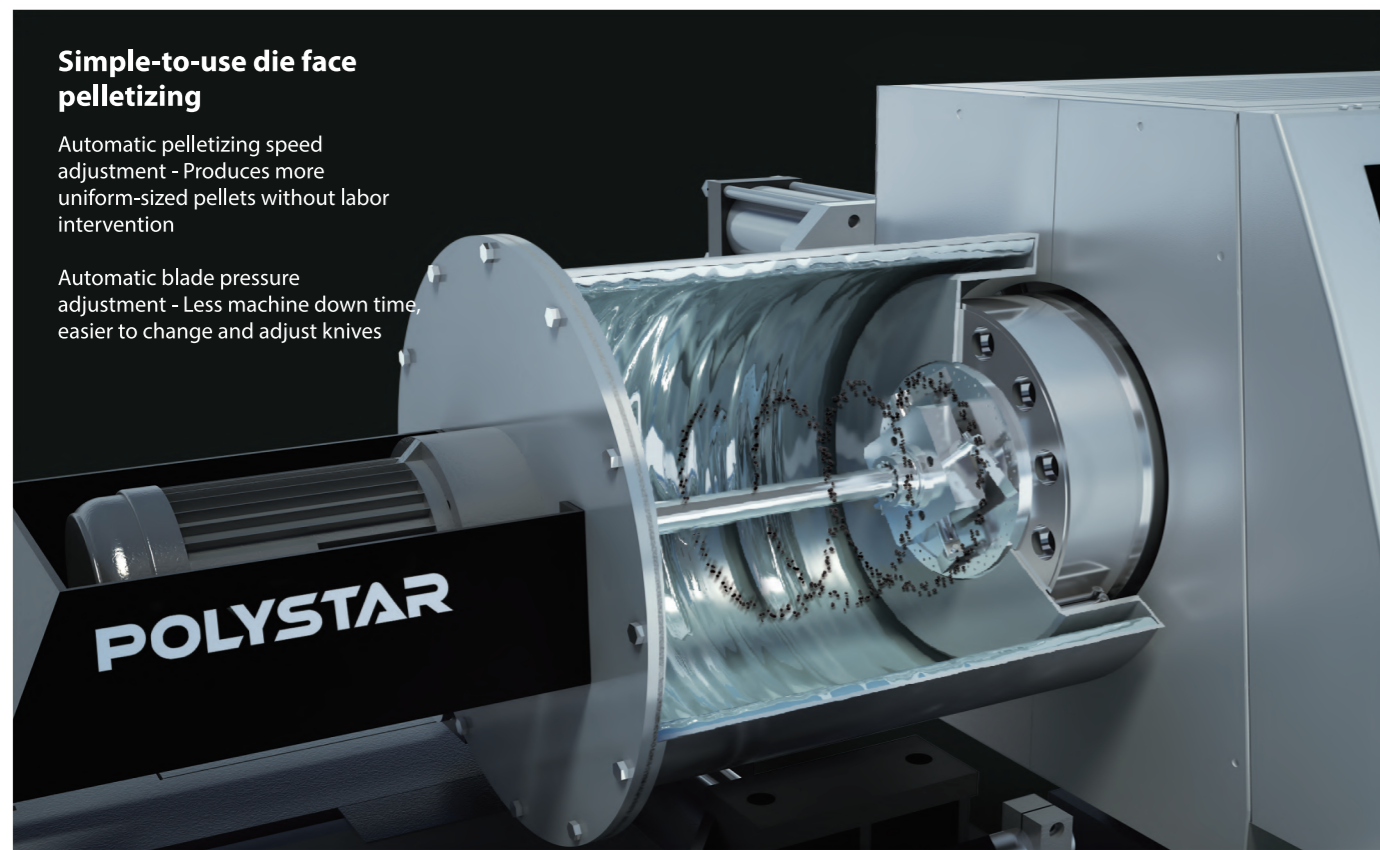
Lower Your Energy Cost!

- No extra processing steps
- Gentle process – minimal material property change
- Easy maintenance

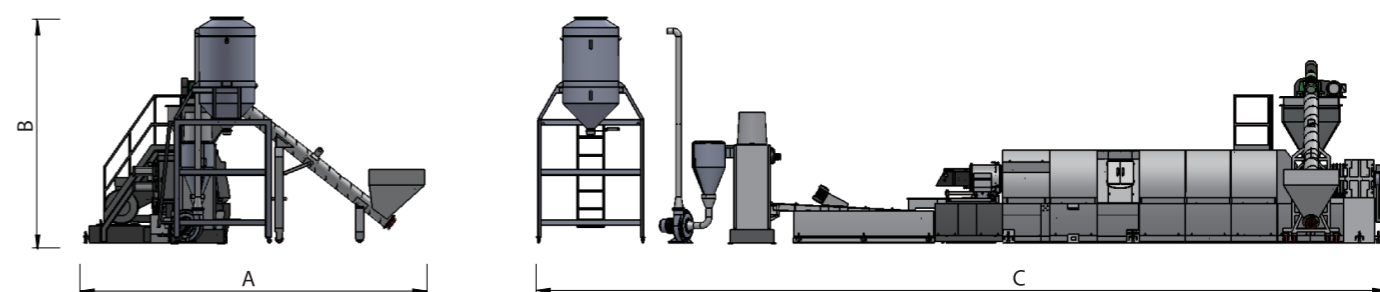
Simple-to-use die face pelletizing

Automatic pelletizing speed adjustment - Produces more uniform-sized pellets without labor intervention

Automatic blade pressure adjustment - Less machine down time, easier to change and adjust knives



Model Comparison



Model	*Output range (kg/hr)	Power consumption	Dimension		
			A (Length)	B (Height)	C (Width)
Repro Direct 65	80~120	35 kw	3800	2600	9300
Repro Direct 85	150~250	62 kw	6300	4100	10600
Repro Direct 100	250~400	79 kw	6300	4100	12600
Repro Direct 120	400~600	116 kw	6300	4100	14100
Repro Direct 150	600~800	190 kw	6300	4100	15500
Repro Direct 165	850~1000	219 kw	6500	4100	16500
Repro Direct 180	1000~1200	290 kw	6700	4100	18500

*Output based post industrial PE regrind, without degassing