



ATLAS^{tw}
Recycling Technology

ATLAS Development Machinery

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Solutions For Recycling

WPS Recycling & Pelletizing Machine

SHREDDING - FEEDING - EXTRUSION - PELLETIZING

Materials to be applied :

HDPE, LDPE, LLDPE, PP, BOPP, ABS, PS.

Material Shape :

Films, Bags, Powder, Scraps, Flakes, Yarns.

- Low energy consumption
- Higher flexibility
- High performance



Shredding & Compacting System



Degassing System



Non-stop Filtration



Pelletizing System



WPF Recycling & Pelletizing Machine

BROKEN - SIDE FEEDING - EXTRUSION - PELLETIZING

Materials to be applied :

HDPE, LDPE, LLDPE, PP, BOPP, ABS, PS.

Material Shape :

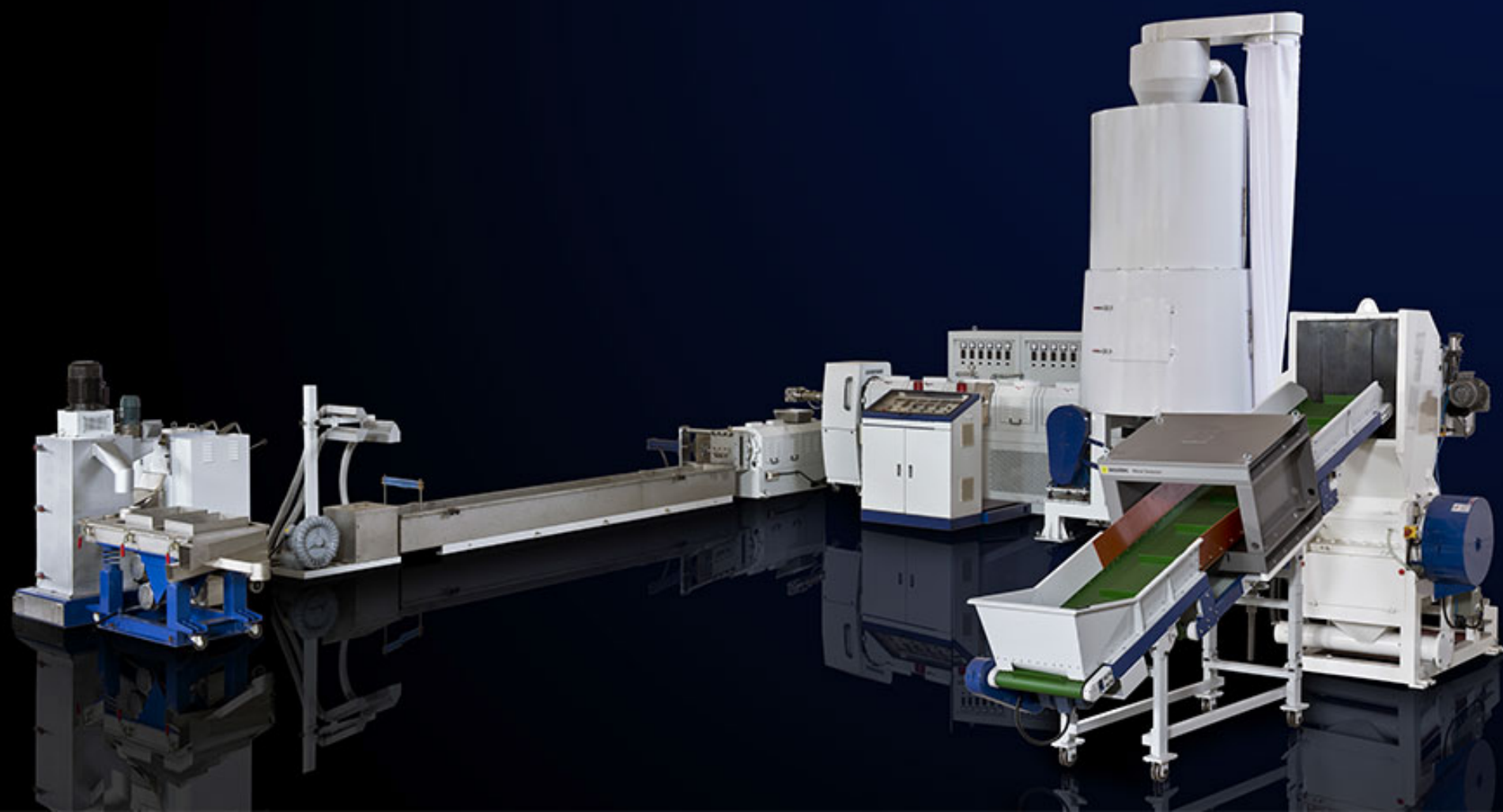
Film, Sheet, Small Bottle, Plastic Edge Trimmed Films, Bags, Lumps, Yarns.

- Reduce manpower expenditure
- Operating Easily
- No need hands-on experience



Spaghetti Recycling & Pelletizing Machine

CRUSH - FEEDING - EXTRUSION - SHPAGHETTI - PELLETIZING



TWP Recycling & Pelletizing Machine

FEEDING - EXTRUSION - TWO STAGE - PELLETIZING



Optional Devices:

- Vacuum pump
- Force feeding
- Screw conveyor
- Water chiller
- Double vented barrel
- Metal detector (Germany made)
- 2 Stage extruder for heavy ink printed or wet and dirty plastic wastes
- Dual piston non-stop hydraulic screen changer (Larger filter area)
- PLC touch screen type control panel



Force Feeding

WPS SERIES

Model	Suitable Material	Screw Dia.	Max. Output	Screw L/D Ratio	Main Motor (w/Inverter)
WPS65		Ø65	120 kg/hr	32:1	40 / 30 HP INVERTER
WPS85	HDPE,LDPE,LLDPE,	Ø85	250 kg/hr	32:1	75 / 50 HP INVERTER
WPS100	PP,BOPP,ABS,PS	Ø100	400 kg/hr	32:1	125 / 75 HP INVERTER
WPS120		Ø120	550 kg/hr	32:1	150 / 100 HP INVERTER
WPS150		Ø150	800 kg/hr	32:1	250 / 150 HP INVERTER

WPF SERIES

Model	Suitable Material	Screw Dia.	Max. Output	Screw L/D Ratio	Main Motor (w/Inverter)	Side Feeding Motor
WPF65		Ø65	120 kg/hr	32:1	40 HP AC INVERTER	7.5HP
WPF85	HDPE,LDPE,,	Ø85	250 kg/hr	32:1	75 HP AC INVERTER	7.5HP
WPF100	LLDPE,PP,	Ø100	400 kg/hr	32:1	100 HP AC INVERTER	10HP
WPF120	BOPP,ABS,PS	Ø120	550 kg/hr	32:1	125 HP AC INVERTER	15HP
WPF150		Ø150	800 kg/hr	32:1	250 HP AC INVERTER	20HP

WP SERIES

Model	Suitable Material	Screw Dia.	Max. Output	Screw L/D Ratio	Main Motor (w/Inverter)
WPS85	HDPE,LDPE,LLDPE,	Ø85	250 kg/hr	32:1	75 HP AC INVERTER
WPS100	PP,BOPP,ABS,PS	Ø100	400 kg/hr	32:1	100 HP AC INVERTER
WPS120		Ø120	550 kg/hr	32:1	125 HP AC INVERTER
WPS150		Ø150	800 kg/hr	32:1	250 HP AC INVERTER

