

Typical features

- Longer processing L/D, material of screw and barrels are alloyed materials, with 2 years warranty.
- In the middle of processing section, sets the back flush type screen changer, to let the melt pre-filtering before the vacuum degassing action, which can realize better homogenization and enhance the degassing performance.
- Back flush type filter with wide filtering area to present longer screen changing time, especially suitable to the high contaminated materials recycling and pelletizing.
- Better volatilization performance, both the compactor and processing section set the volatilization device, and the melt will be degassed after filtering, especially good to the heavily printed materials recycling and pelletizing
- European standard Rittal structure electrical cabinet, which dust and water proof level is IP54; SSR+PLC principle to assure less energy consumption and realize whole system smart running..



ACS-Pro

Excellent degassing and filtering performance for recycling

Model size	Output Capacity for common materials (for reference)									
	LDPE/LLDPE		HDPE		PP/BOPP/OPP		HIPS/EPS/PS		BOPET/PET	
	min	max	min	max	min	max	min	max	min	max
ACS-Pro 1008	400	500	320	450	350	450	450	550	500	600
ACS-Pro 1414	900	1000	700	900	850	1000	850	1100	900	1150
ACS-Pro 1616	1300	1500	950	1300	1100	1400	1100	1500	1200	1600
ACS-Pro 1828	1800	2000	1300	1650	1600	1900	1600	2000	1800	2100

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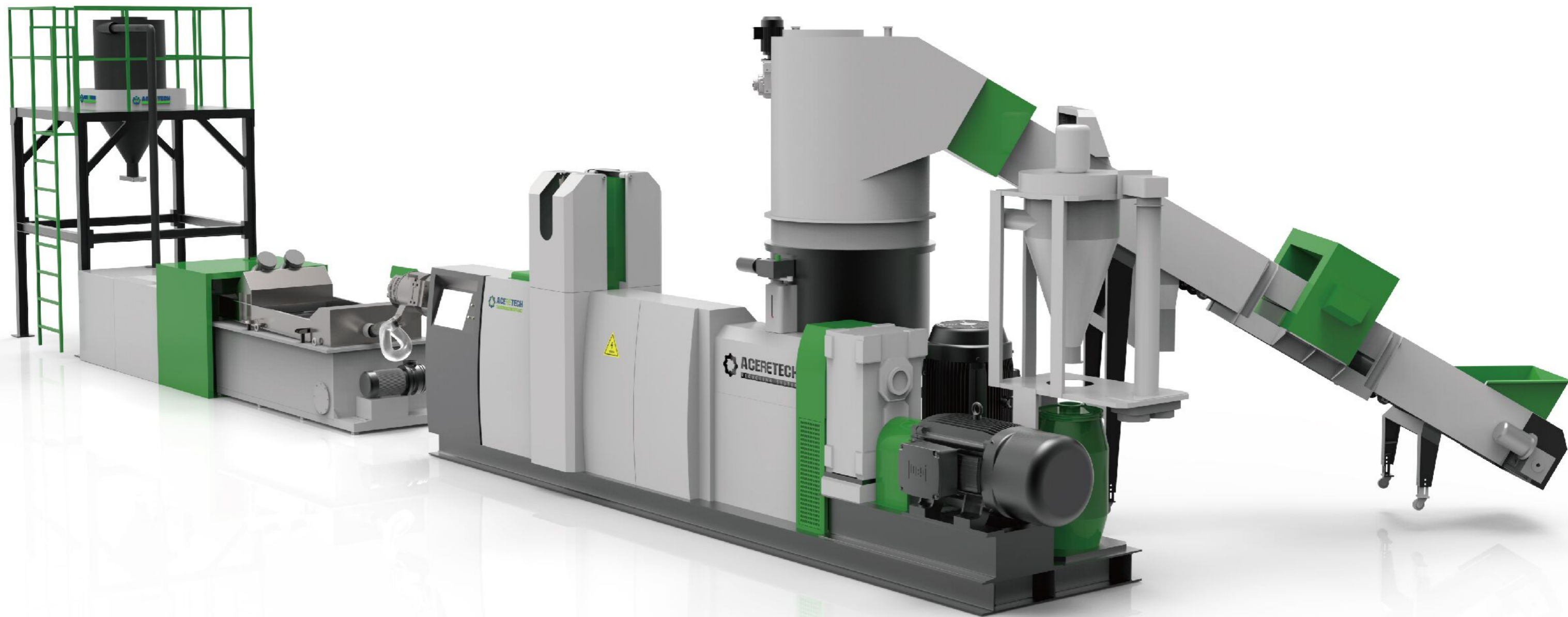


Member of Sino Engineering Group

Excellent degassing and filtering performance for recycling

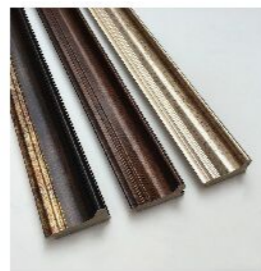
ACS-Pro

Compacting & Pelletizing system



The ACS-Pro is the entirely new standard recycling and pelletizing system with optimized super long L/D ratio, filtering ahead of vacuum degassing, specially suit to the waste plastics such as high contaminated and heavily printed recycling and pelletizing.

The drive of compactor controlled by inverter, together with sliding gate device installed on the outlet of compactor room, to guarantee ACS-Pro not only handle losing material recycling but also rigid regrinds material re-pelletizing.



Intelligence and controllable system

Intelligence Start: One button only

Following set logistical sequence and materials processing requirement, interlocked system modules can start by "one button only", to avoid mistake or fault occurred by manual operation.

Intelligence Stop: One button only

Each related modular part in ACS Pro system available to shut down by only one button, to protect whole ACS-Pro system from fault off hand operation.

Emergency Stop

Emergency stop function is available in ACS-Pro system in case that uncertain risk occurred during machine.



System program remote monitoring and transmission system

Available for ACS-Pro system realizing functions of remote monitoring and information transmission.

Output and energy consumption online monitoring

Maintenance smart reminder



Protection system

Life safety protection

ACS-Pro system fully understanding safety issue during the actual operation step. Each operating position and rotating part equipped with electrical safe switch, to guarantee producing process safely.

Plastic performance keeping

Thanks to precise temperature controlling and optimized plasticization design, ACS-Pro system ensure the reliable quality output of plastic.

Protection of over-heating to compactor

Following the logistics of each modular part in ACS-Pro system and with well understanding on each recycle specification, ACS-Pro system can guarantee related recycles with optimized pre-heating and compacting conditions in the compactor, preventing plastic recycles from overheating or degradation in the compactor.

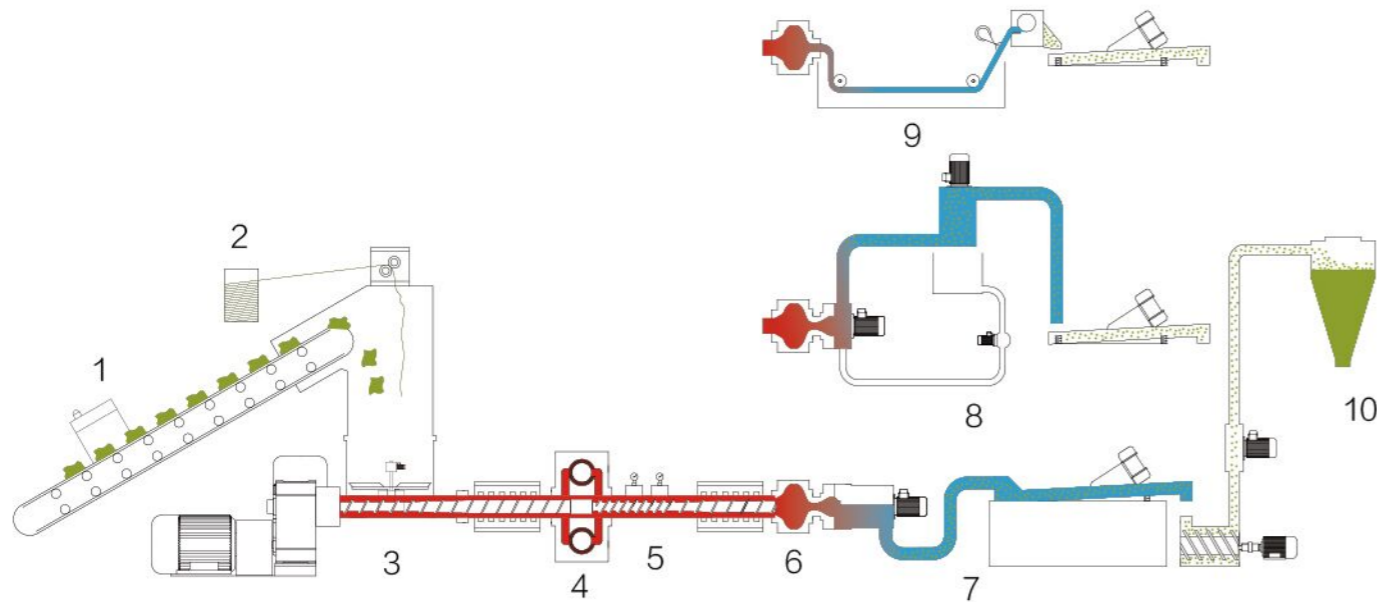
Protection of electrical cabinet

Rittal structure electrical cabinet, which dust and water proof level is IP54; SSR+PLC principle to assure less energy consumption and realize whole system smart running.



Service and support

Overseas installation and training are available;
Machine warranty with spares in stocking and in-time delivery.



- 1. Belt conveyor
- 2. Hauling roller
- 3. Extruder
- 4. Filtration unit
- 5. Vacuum Volatilization
- 6. Filtration unit
- 7. Water ring pelletizing unit
- 8. Under water pelletizing unit
- 9. Strand pelletizing unit
- 10. Storage silo

Advantages of ACS-Pro compacting and pelletizing system

- ▶ Combine crushing, compacting and pelletizing steps in one system, less-labor cost;
- ▶ Higher efficiency feeding, suitable to film, filament, raffia, foaming materials;
- ▶ Higher output and lower energy consumption.

Other benefits

Lower investment cost for a high quality and durable machine;
Low energy consumption with high production output;
Fast machine delivery and installation: AceRetech produces on an average of 10 sets of plastic machines per month and can deliver the machine faster than most manufacturers.
The regular delivery time of an AceRetech recycling machine is 30 working days.