

# CONTINUOUS CIRCULATION, UPGRADED EFFICIENCY.

From a trusted partner to a global solutions provider.  
Shaping the future of smart plastic recycling for over 30 years.

The systems from CYCLERSUS are designed with a single purpose: to make plastic recycling more intelligent, energy-efficient, and sustainable than ever before. We develop reliable machines and full-line solutions that are tailored to each customer's needs, ensuring maximum performance in every detail. For us, sustainability goes hand-in-hand with production efficiency.

Today, CYCLERSUS equipment is trusted by clients in over 25 countries worldwide, delivering outstanding results in film recycling, masterbatch production, and compounding. Together, our systems process thousands of tonnes of plastic every month, transforming waste into high-quality pellets that re-enter the production cycle.



Our patented innovations, such as the Waterless Vacuum System and Automatic Backflush Filtration, combined with Industry 4.0 control and compact design, set new benchmarks for space-saving, energy-saving, and high-output performance.

As a forward-looking company, we continuously invest in R&D, ESG-driven solutions, and advanced engineering—helping manufacturers meet global sustainability goals while keeping their operations competitive.

“ **CYCLERSUS –  
CIRCULATION NEVER STOPS.  
Performance Keeps Advancing.** ”



## OUR SOLUTIONS

- **Single & Twin Screw Extruders**  
High-performance solutions for masterbatch, compounding, and recycling.
- **3-in-1 Recycling Systems**  
Integrating crushing, extrusion, and pelletizing – compact, efficient, space-saving.
- **Patented Vacuumless Dehumidification**  
For moisture-sensitive plastics without water usage.
- **Automatic Filtration & Hydraulic Screen Changers**  
Maximize uptime and product purity.
- **Custom-Built Systems & Accessories**  
Cooling towers, pellet cutters, mesh changers, and more.

Every gram of plastic deserves a second life.  
That's why we exist.  
**CYCLERSUS** – We are the circulators.



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[www.cyclersus.com](http://www.cyclersus.com)



# PLASTIC FILM 3-IN-1 RECYCLE PELLETIZER

3 in 1 recycling machine combines the Shredder, Extruder and Pelletizer

### Features

- 1.Fully Integrated System – One Line, Full Process
- 2.Flexible Degassing Design
- 3.Hydraulic Screen Changer Options
- 4.Optional Backflush Filtration System
- 5.Multiple Pelletizing Systems Available

### An All-in-One Recycling Solution for Flexible & Contaminated Films

The CYCLERSUS CCS series is a fully integrated recycling system that combines a shredder, extruder, and pelletizer in one compact line. From film crushing, drying, plasticizing, to pelletizing, all processes are streamlined in a single machine. It is specifically designed for handling difficult-to-process materials such as edge trims, defective film rolls, heavily printed films, and soft packaging waste. Ideal for improving recycling efficiency, ensuring consistent pellet quality, and reducing labor and energy costs.

### Specifications

⚠ Note: Actual capacity depends on material conditions (clean or contaminated), moisture level, and final configuration. Specifications are subject to change and should be confirmed based on the official quotation.

| MODEL   | APPLICABLE MATERIALS            | CAPACITY(KG/HR) | PELLETIZING SYSTEM                         |
|---------|---------------------------------|-----------------|--|
| CCS3065 | ABS / BOPP / EVA / HDPE / LLDPE | 80–120 KG/HR    | Water Ring / Underwater / Die-Face Cutting |
| CCS3085 | ABS / BOPP / EVA / HDPE / LLDPE | 200–280 KG/HR   | Water Ring / Underwater / Die-Face Cutting |
| CCS3100 | ABS / BOPP / EVA / HDPE / LLDPE | 300–400 KG/HR   | Water Ring / Underwater / Die-Face Cutting |
| CCS3120 | ABS / BOPP / EVA / HDPE / LLDPE | 400–550 KG/HR   | Water Ring / Underwater / Die-Face Cutting |
| CCS3140 | ABS / BOPP / EVA / HDPE / LLDPE | 600–800 KG/HR   | Water Ring / Underwater / Die-Face Cutting |
| CCS3160 | ABS / BOPP / EVA / HDPE / LLDPE | 800–1000 KG/HR  | Water Ring / Underwater / Die-Face Cutting |

# TWIN SCREW RECYCLING PELLETIZING MACHINE

Pre-processed flakes and clean hard plastic materials

### Features

- 1.Modular screw design for quick configuration to meet diverse material requirements.
- 2.Co-rotating screws deliver superior dispersion and mixing through high-speed, high-shear processing.
- 3.Versatile applications: masterbatch, fillers, modification, reinforcement, compounding, reactions, and alloys.

CCS2042-UWC

# SINGLE SCREW LAB-SCALE EXTRUDER

Suitable for recycling, coloring, laboratory testing, and more.

CCS1030-STC

### Specifications

⚠ Note: Actual capacity depends on material conditions (clean or contaminated), moisture level, and final configuration. Specifications are subject to change and should be confirmed based on the official quotation.

| MODEL   | APPLICABLE MATERIALS                                  | CAPACITY(KG/HR ) | PELLETIZING SYSTEM                                       |
|---------|---|------------------|--|
| CCS2032 | ABS / BOPP / EVA / HDPE / LDPE / LLDPE / PE / PP / PS | 30–50 KG/HR      | Water Ring / Underwater / Die-Face Cutting / Water Slide |
| CCS2042 | ABS / BOPP / EVA / HDPE / LDPE / LLDPE / PE / PP / PS | 120–150 KG/HR    | Water Ring / Underwater / Die-Face Cutting / Water Slide |
| CCS2058 | ABS / BOPP / EVA / HDPE / LDPE / LLDPE / PE / PP / PS | 200–500 KG/HR    | Water Ring / Underwater / Die-Face Cutting / Water Slide |
| CCS2077 | ABS / BOPP / EVA / HDPE / LDPE / LLDPE / PE / PP / PS | 300–500 KG/HR    | Water Ring / Underwater / Die-Face Cutting / Water Slide |
| CCS2092 | ABS / BOPP / EVA / HDPE / LDPE / LLDPE / PE / PP / PS | 800–1000 KG/HR   | Water Ring / Underwater / Die-Face Cutting / Water Slide |

### Applicable Materials

