

Fully Automatic Cigarette Filter Tip & Filter Core Separation Solution

1. Equipment Application

The YD-FLYL800 Cigarette Filter Tip Separation Machine is a fully automatic system designed for separating and peeling waste cigarette filters, filter tips, and filter core materials.

Through mechanical friction, de-gluing, fiber separation, screening, and classification processes, the machine efficiently separates:

- Outer paper wrapping of cigarette filters
- Acetate fiber filter cores
- Plastic filter tips
- Adhesive residues
- Impurities and fine debris

The separated materials can be recovered and reused individually, significantly increasing recycling value, reducing labor costs, and improving processing efficiency.


2. Typical Applications

Suitable for:

- Used filter recycling facilities
- Cigarette filter regeneration plants
- Environmental recycling companies
- Tobacco waste recycling enterprises
- Small and medium-sized automated production lines

3. Technical Specifications

 **Website(Global):** www.yuedushredders.com

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Equipment Name		Cigarette Filter Core Separation Machine	Model	YD-FLYL800
1	Inner Drum Diameter	800mm		
2	Inner Drum Length	2500mm	SUS304 Stainless Steel	
3	Rotating Teeth Size	120mm		
4	Teeth Spacing	250-300mm		
5	Fixed Teeth Quantity	Approx. 50 pcs		
6	Screen Mesh	25mm (1 additional screen included)	Sliding type, easy replacement, SUS304 Stainless Steel	
7	Bottom Chamber	Fully enclosed with inspection window	Openable structure for easy maintenance, Inclined discharge plate, SUS304 Stainless Steel	
8	Bottom Discharge Section	Inclined discharge plate	SUS304 Stainless Steel	
9	Feeding Conveyor	2800*330mm	Conveyor Side Panels, SUS304 Stainless Steel	
10	Motor Power	15kw/4p		
11	Power Transmission	C-Type V-Belt Drive		
12	Design Speed	800-900 RPM		
13	Feed Opening Size	500*500mm		
14	Discharge Opening Size	400*400mm		
<p>Construction Materials</p> <ul style="list-style-type: none"> • Machine top cover manufactured from SUS304 stainless steel • Both side shafts manufactured from SUS304 stainless steel • Main machine frame constructed from carbon steel • External surfaces covered with SUS304 stainless steel cladding 				
Reference Price (RMB):			¥: <u>126,790</u>	

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	Approx. USD 17,500 – 17,800 EXW China <i>(Exchange rate fluctuations may affect the final USD equivalent.)</i>
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4. Key Advantage

Fully Automatic Operation

Equipped with a powerful 15 kW drive system for continuous, high-capacity processing.

High Separation Efficiency

Large-diameter and extended-length drum design provides thorough peeling and excellent material separation performance.

Stainless Steel Construction

Corrosion-resistant, hygienic, and easy to clean, suitable for long-term industrial operation.


Enclosed Safety Design

- Fully enclosed sheet-metal structure helps:
- Improve operator safety
- Reduce dust emissions
- Lower operating noise
- Enhance equipment appearance

Easy Maintenance

- Quick-change screen system
- Openable bottom chamber
- Convenient cleaning access
- Reduced risk of material blockage

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Durable Industrial Structure

Heavy-duty construction designed for continuous industrial recycling applications.



Before Separation



After Separation



Business License (Official Chinese & English Translation)



Business License (Translated Version)

Shanghai Yuedu Technology Co., Ltd.

◆ Company Information

Company Name:

Shanghai Yuedu Technology Co., Ltd.

Unified Social Credit Code:

91310114MA1GUXHQ8H

Company Type:

Limited Liability Company (Invested or Controlled by Natural Persons)

Registered Address:

Room 17239, Building 2, No. 4268 Zhen'nan Road, Jiading District, Shanghai, China

Legal Representative:

Deng Hao

Registered Capital:

RMB 3,700,000

◆ Registration Details

Date of Establishment:

September 5, 2018

Business Term:

From September 5, 2018 to September 4, 2048

◆ Registration Authority

Shanghai Jiading District Administration for Market Regulation

Date of Issue:

September 5, 2018



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✓ Registered and verified company in China

✓ Officially issued by Chinese government authority

✓ Valid for international business cooperation

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About YUEDE Shredders


Shanghai YUEDU Technology Co., Ltd. is a **Shanghai-certified high-tech enterprise** specializing in the development and manufacturing of **shredding and destruction equipment**. We serve a wide range of sectors including **government agencies, financial institutions, military departments, enterprises, and recycling industries**.

Our offerings include **office and industrial-grade paper shredders, hard drive destroyers, plastic crushing systems, and fully customized destruction center solutions**. From design to delivery, we help clients achieve efficient, secure, and compliant material destruction.

Our Mission

We are dedicated to the shredding and destruction industry, continuously solving diverse material shredding and disposal challenges for our clients around the world.

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