

# Confidential Shredding Solution for Mobile Display Waste

— Proven Case with BOE (Global Display Industry Leader)

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## 1. Project Overview

This solution has been successfully implemented for **BOE Technology Group**, a global leader in the display panel industry.

- Project delivered in 2019
- Stable operation for over 6 years
- Applied in BOE Gen 10.5 display production line
- Integrated through BOE's core automation partner

### Equipment Configuration:

- 2 × 2.2m industrial shredders
- 1 × 1.8m industrial shredder

Total: 3 complete shredding systems

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## 2. Core Challenges

This project addresses one of the most difficult challenges in the industry:

 High-Security Destruction of Display Materials

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## Extreme Confidentiality Requirements

Mobile display waste contains **core proprietary technology**.

- Required particle size:  $\leq 10\text{mm} \times 10\text{mm}$
  - Any oversized fragments = **risk of technology leakage**
  - Strict industry acceptance standards
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## Industry-Wide Failure

Before working with YUEDU:

- BOE searched suppliers for over 1 year
  - Multiple vendors failed to meet requirements
  - Common issues:
    - Long strip materials (10–50 cm)
    - Uneven output size
    - Unable to pass acceptance
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## Operational & Cost Pressure

- Large volume of rejected waste accumulated
  - Occupied production space
  - Required secondary processing
  - Increased labor, equipment, and storage costs
  - Affected production efficiency
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## High Risk for Suppliers

- Only 10% advance payment
  - If performance fails → no final payment
  - Many suppliers suffered losses
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### 3. YUEDU Solution

 Exclusive Structural Design for Precision Shredding

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## One-Step Precision Shredding

### Designed specifically for:


- Flexible displays
  - Thin films
  - Sheet materials
  - Chip-based materials
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## Key Breakthrough

Achieve precise size control in ONE shredding process  
WITHOUT secondary crushing

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## Industry-Leading Size Control

- Stable output:  $\leq 10\text{mm} \times 10\text{mm}$
- No long strips
- No oversized fragments
- Uniform particle size

## Customizable output sizes available:

- 30mm
  - 20mm
  - 10mm
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## 4. Key Advantages

 High-Level Confidentiality Protection

Ensures complete destruction of sensitive materials  
Eliminates risk of technology leakage

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 One-Step Processing


No secondary shredding required  
Simplifies the entire process

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 Cost Reduction

- Eliminates secondary equipment
- Reduces labor and space usage

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- Improves overall efficiency
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 Stable Continuous Operation

Supports high-volume industrial production  
Reliable long-term performance

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 Unique Technology Advantage

This level of precision **cannot be achieved by standard shredders**

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## 5. Project Results


Technical Success

- Fully meets  $\leq 10\text{mm} \times 10\text{mm}$  requirement
  - Passed strict acceptance standards
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Production Efficiency

- No material backlog
  - Continuous operation of production line
  - No downtime caused by waste accumulation
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## Cost Optimization

- Eliminated secondary processing
  - Reduced labor and storage costs
  - Improved overall operational efficiency
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## Customer Trust

- Broke BOE's standard 10% advance payment rule
  - Full payment completed after successful long-term operation
  - Established long-term cooperation
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## Industry Impact

- Benchmark solution in display industry
  - Recognized by global leading manufacturers
  - High reference value for similar applications
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## 6. Applications

This solution is suitable for industries requiring:

### High-Precision & High-Security Shredding

- Display panels (LCD / OLED)
- Polarizers
- Thin films
- Electronic materials
- Semiconductor-related materials

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- Chip waste
  - Confidential industrial materials
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## 7. Core Value Summary

- High-security destruction (no data leakage risk)
  - Precise size control (uniform output)
  - One-step processing (no secondary shredding)
  - Stable long-term operation
  - Unique, non-replicable technology
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## 8. Conclusion

This project solves a critical industry challenge:

**How to achieve high-security, high-precision shredding of sensitive materials**

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## 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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- ✓ 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.


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## **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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