



By Industry – Solutions by Industry [/solutions/industry](#)

1. 🍎 Apple Supply Chain

Pain Points:

Production waste, defective electronic components, and packaging must be securely destroyed to protect trade secrets and prevent data leakage across the supply chain.

Recommended Equipment:

Chip shredders, dual-shaft shredders, FSJ high-speed cutting machines.

Case Studies:

Foxconn, Luxshare Precision, Lens Technology, Jabil Circuit, Jabil Green Point, Shanghai Changlian International Logistics, Hiep Phu Green Packaging (Vietnam), XuFu Green Packaging, Shenzhen Yutong Packaging.

2. 🏦 Banknote Printing & Currency Destruction

Pain Points:

Obsolete banknotes and financial securities must be centrally destroyed to comply with central bank regulations and financial supervision standards. Large volumes require both shredding and compression for safe storage.

Recommended Equipment:

BM3002P shredding and baling system, YKJ briquetting press.

Case Studies:

Central Banks (various countries), National Mints, Shanghai Mint, Shanghai Security Printing Co., Ltd., Nanjing Mint, Certified Document Destruction Centers.

3. 🧠 Semiconductor Industry

Pain Points:

Defective chips, PCBs, and electronic components must undergo irreversible physical destruction to eliminate risks of IP theft and unauthorized reuse.

Recommended Equipment:

Chip shredders, hard drive shredders, magnetic degaussers.

Case Studies:

Sung Cheng Semiconductor, SanDisk, Western Digital, Fairchild Semiconductor, Gold Circuit Electronics, Lens Technology, WUS Printed Circuit, MeiWei Electronics, Canon factory, Gree Electric Appliances, Semiconductor Manufacturing International Corporation (SMIC), Yangtze Memory Technologies(YMTC).

4. Government Agencies – Classified Document Destruction

Pain Points:

Classified files, archives, CDs, and hard drives must be destroyed in compliance with **China Level 1** and **EU Level 7 (DIN 66399 P-7)** standards. Non-compliant destruction methods may lead to serious national security risks.

Recommended Equipment:

BM series high-security shredders (1mm micro-powder), PZ series “three-in-one” destruction system (paper + hard drive + degaussing).

Case Studies:

Government institutions (various countries), Courts, Procuratorates, Police Departments, State Security Bureaus, Confidentiality Bureaus, UN agencies.

5. Printing & Packaging Industry

Pain Points:

Unused packaging, QR code labels, and adhesive materials must be destroyed to prevent counterfeit goods from entering the market. Printing waste can also pose brand protection risks if not securely processed.

Recommended Equipment:

FSJ high-speed shredders, GD conveyor shredding systems (continuous operation).

Case Studies:

Heidelberg Printing Equipment, R.R. Donnelley, Stora Enso Packaging, Yutong Group, Innolux Group, Mapusen Packaging, Beijing Printing Group, Shanghai Mint, Giesecke+Devrient (G&D), Changsha Furui Printing, Anhui Ruiwu Printing, Hefei Taxation Printing, Nanjing Securities Printing, Yongfa Printing, Mozhihua Printing, Nantong Modern Printing, Hohhot Party Committee Printing House, Shanghai Securities Printing.

6. Recycling Centers

Pain Points:

Large volumes of waste paper, plastics, wood, and fibers require size reduction for easier handling and efficient recycling. Traditional manual processing is slow and costly.

Recommended Equipment:

SL large-opening shredders, PQJ honeycomb paper perforators, dual-shaft shredders.

Case Studies:

Sichuan Meishi Environmental Technology, Hangzhou Huanqiang, Jiaxing Jiayuan Environmental.

7. Financial Institutions (Banks & Insurance)

Pain Points:

Daily financial documents, checks, and bank cards must be securely destroyed to meet regulatory compliance and protect customer privacy.

Recommended Equipment:

Large-office high-security shredders (CC series), 2405M micro-powder shredder.

Case Studies:

Bank of China, Industrial and Commercial Bank of China, Hebei Rural Commercial Bank, China Construction Bank, Hainan Rural Credit Union, Shayang Rural Commercial Bank, People's Bank of China.

8. Automotive Manufacturers

Pain Points:

Plastic parts, composite materials, and metal components from production lines and after-sales must be destroyed or reduced in size for recycling within the automotive supply chain.

Recommended Equipment:

FSJPC plastic shredders, dual-shaft shredders.

Case Studies:

Tesla, Ford, Porsche, Volkswagen, Li Auto, Toyota, Great Wall Motors, SAIC Motor, Honda, Dongfeng Motor, FAW Toyota, Chery Jaguar Land Rover, Zotye Auto, Zeekr, Geely.

9. Education & Research Institutions

Pain Points:

Exam papers, student records, and confidential research data must be periodically destroyed to protect intellectual property and prevent information leakage.

Recommended Equipment:

High-security shredders, desktop micro-powder shredders.

Case Studies:

Wuhan University, Chinese University of Hong Kong, Shanghai Jiao Tong University, Beijing Institute of Geology, National Institute of Physics and Engineering, China Railway No. 4 Design Institute, Changjiang Survey & Design Institute, Sun Yat-sen University Affiliated Hospital No.7, Hangzhou Cancer Hospital, Civil Aviation University of China, Songjiang TCM Hospital, Lishui Central Hospital, Urumqi Medical University Hospital, General Hospital Fourth Medical Center, Beijing Changping Vocational School.

10. Medical & Pharmaceutical Industry

Pain Points:

Expired drugs, blister packs, and patient records must be securely destroyed in compliance with healthcare and environmental regulations. Improper disposal can cause safety hazards and legal issues.

Recommended Equipment:

Blister shredders, dual-shaft shredders, card shredders.

Case Studies:

Pfizer, Merck, Roche, Johnson & Johnson, MSD, Eli Lilly, Monty Pharma, Novartis, Eisai, China National Biotech, Kunming Jida Pharma, Sinovac Biotech, Bayer, Shanghai Pharmaceuticals, TaTai Pharma, Amgen China, Qilu Pharma, Hengrui Medicine, Kelun Pharma, Hutchison Whampoa Pharma, BeiGene.

11. Retail & E-commerce Warehousing

Pain Points:

Expired food, returned products, and bulk packaging must be securely destroyed to prevent secondary circulation. Membership cards and customer data also require periodic secure destruction to protect privacy.

Recommended Equipment:

Dual-shaft shredders + balers, food waste destruction systems.

Case Studies:

Carrefour, Oriental Cold Storage, Shanghai Xinghualou, Dangdang, JD.com, Watsons, Shenzhen CIQ Testing Center, Chow Tai Fook Jewelry Stores.

12. Logistics & Courier Industry

Pain Points:

Massive volumes of cartons, shipping labels, and waybills must be destroyed to reduce storage costs and protect customer privacy.

Recommended Equipment:

PQJ honeycomb paper perforators, industrial shredders, balers.

Case Studies:

Xinchengyun International Logistics, Jabil (China) Freight, Shanghai Changlian International Logistics, FAW-Volkswagen Logistics, Zhongke Logistics, Sinopharm Logistics, Jian Supply Chain Management (Huaian).

13. Energy & Chemical Industry

Pain Points:

Hazardous packaging containers and chemical waste require secure destruction and compliant, harmless treatment to meet strict EHS standards.

Recommended Equipment:

Dual-shaft shredders, high-power shredders, waste liquid collection systems.

Case Studies:

General Electric (GE), DowDuPont, CATL (Contemporary Amperex Technology), EVE Energy, Mengming Energy, WISCO (Wuhan Iron & Steel), Gree Electric Appliances, Carrefour New Energy, Schlumberger Oilfield Equipment, Runtu Chemical, Daikin Fluorochemicals, Qirun Chemical, Shuchi Containers, Sanwei Petrochemical, Sanyou Chemical, Taifa Chemical, Dabao Chemical, Gongniu Group.

14. Legal & Accounting Industry

Pain Points:

Contracts, ledgers, and client records must be securely destroyed to maintain legal and financial compliance. Confidentiality breaches can lead to lawsuits and reputational damage.

Recommended Equipment:

High-security shredders, desktop micro-powder shredders.

Case Studies:

Fengwei Law Firm (Germany), Yingke (Shanghai) Law Firm, Dentons, Junxing Law Firm (Guangxi).

15. Construction & Building Materials Industry

Pain Points:

Large volumes of wood, plastics, and composite panels must be reduced in size for reuse and recycling. Traditional handling is inefficient and costly.

Recommended Equipment:

SL large-opening shredders, dual-shaft shredders.

Case Studies:

Hongrui Jiaxun (Beijing) Construction & Decoration, PLA Engineering & Planning Institute Wuhan Branch, Fuzhou Urban Investment Group, Tianjin Beichen Construction Science, Yongsheng Building Materials, Institute of Engineering Physics Construction Design, CSCEC (China State Construction), Shenzhen Huitan Building Materials, Nanjing Laian Jiamei Building Materials, Guangxin Building Materials, Nanshu Building Materials, Huizhou Haiyue Building Materials, Chongqing Baojiang Building Materials, Meixin NewTechWood.

Case highlight: A wood-plastic flooring company deployed a dedicated board shredder, tripling production efficiency, reducing energy use by 50%, and cutting maintenance costs in half.

16. Telecom & Data Centers

Pain Points:

Decommissioned hard drives, magnetic tapes, and server storage devices must be securely destroyed to meet strict data compliance standards. Improper disposal creates high risks of data breaches.

Recommended Equipment:

Hard drive shredders, magnetic degaussers, PZ series “three-in-one” destruction systems (paper + hard drives + degaussing).

Case Studies:

China Unicom, China Mobile, Beijing Telecom, Beijing Huaxin Green Cloud, Xiaoxiong URent, Ministry Data Center, Duoyi Network (Guangzhou), Maxshow, Zhuhai Yifu, JD Data Center.

17. Media & Publishing Industry

Pain Points:

Sample books, pre-release publications, and film copies must be destroyed to prevent piracy and unauthorized distribution.

Recommended Equipment:

Industrial shredders, book shredders.

Case Studies:

Hangzhou Xinhua Bookstore, Zhejiang Publishing & Distribution Center, Hohhot Daily Printing Plant, Anhui Publishing & Printing Supplies Co.

18. Agriculture & Food Processing

Pain Points:

Expired food and agricultural by-products must be securely destroyed to ensure food safety and meet environmental compliance. Improper disposal can damage brand reputation.

Recommended Equipment:

Dual-shaft shredders, food waste shredding lines, balers.

Case Studies:

Coca-Cola, Want Want Group, Maotai Group, Shinho Foods, Coconut Palm Group, Pangge Areca, Anhui Wanjiu Group, Lao Cun Zhang Liquor, Jin Hui Liquor, Yingjia Liquor, Kouzi Liquor, Huanghelou Cigarettes, Yanjing Beer.

Case highlight:

- A food factory used a YD-SSJ dual-shaft shredder + baler to handle returned bulk goods, achieving **1 ton/hour throughput and 80% volume reduction**.
 - A global beverage leader deployed a destruction system to process expired goods, enabling plastic bottle recycling and reuse.
 - A dairy company implemented secure shredders to protect trade secrets in raw materials and recipes.
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19. 📁 Archives & Records Management

Pain Points:

Large batches of archives, historical records, and confidential files must be periodically destroyed or digitized. Any leakage may cause serious security risks.

Recommended Equipment:

- 5002 shredding + baling system (bulk archive destruction)
- SL series silent book shredders (low noise, suitable for archive rooms)

Case Studies:

Iron Mountain, CITIC Outsourcing Services, Xin Anda Records Management, Huaxin Records, Shenjiang Wanguo, Yin Yan Financial Outsourcing, Fan Cheng International Logistics.

20. 🏢 Design Institutes & Research Labs

Pain Points:

Technical drawings, research data, and prototype information must be strictly protected. Incomplete destruction could result in **intellectual property loss**.

Recommended Equipment:

- BM series high-security shredders (1mm micro-powder)
- PZ series “three-in-one” destruction systems (documents + hard drives + degaussing)

Case Studies:

China Railway No.4 Design Institute, Civil Aviation Central South Airport Design Institute, National Institute of Physics & Engineering, Beijing Institute of Geology, PLA Engineering Design Institute Wuhan Branch, Forestry Planning & Design Institute, CRRC Vehicle R&D Center, Changjiang Survey & Design Institute, National Geological Resources Center.

21. 🏭 Tobacco & Packaging Factories

Pain Points:

Cigarette packaging with QR codes and adhesive labels, if leaked, may lead to counterfeit tobacco products entering the market, causing severe brand and regulatory risks.

Recommended Equipment:

- FSJ high-speed shredders (specialized for cigarette packaging and adhesive labels)
- GD conveyor-type shredding systems (for continuous large-scale operation)

Case Studies:

Guangdong China Tobacco Industrial Co. (Guangzhou Cigarette Factory), Wenzhou Yunxiang Recycling, Zhangjiakou Cigarette Factory (Hebei), Zhanjiang Cigarette Factory, Fujian China Tobacco Industrial Co.

22. Plastic Extrusion & Large-Volume Plastics

Pain Points:

Large-volume plastic waste such as extrusion scraps and plastic sheets is bulky and difficult to transport or recycle without proper destruction.

Recommended Equipment:

- YD-SL3040 / SL60120 series large-opening plastic shredders
- Dual-shaft shredders (suitable for high-strength plastics and composites)

Case Studies:

Nongfu Spring, Wahaha, Guomao Packaging, Shenxin Packaging, Tongliao Jiuding, Zhangjiagang Tongda Machinery, Maxin (Meixin) Packaging.

Case highlight: A leading beverage group implemented a fully automated plastic destruction and recycling line, capable of handling returnable crates, heavy pallets, and all defective plastic products. The system reduced labor input, optimized equipment configuration, and achieved **high efficiency, energy savings, and closed-loop recycling.**

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