

# Four-Shaft Shredder

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Patented Products



International  
Quality System  
Certification



CE Certification

Patents

ZL 2022 2 0875642.6  
ZL 2022 2 0430143.6

# Four-shaft shredders are designed to process challenging materials.

Four-shaft shredders excel in both primary and secondary shredding stages.



## Overview

Four-shaft shredders are designed to process challenging materials into uniform sizes in a single pass. Compared to dual-shaft shredders, they feature two additional auxiliary shafts for extra shearing force, and the classifier screen that allows to define the output size.

GEP ECOTECH four-shaft shredders are renowned for their robust construction and powerful drive shafts. We utilize top-tier materials to enhance blade longevity and equip them with robust electrical or hydraulic drives, along with an intelligent control system. This combination sets GEP ECOTECH four-shaft shredders apart from their counterparts in the same category.

GEP ECOTECH four-shaft shredders are suitable for most size reduction and heavy-duty applications. We recommend using them for handling complex materials and when there are strict output size requirements for single-stage shredding.

Maintaining four-shaft shredders poses a significant challenge, particularly when it involves replacing or repairing the bottom blades. This intricate process demands highly skilled technicians with specialized tools and can extend over many hours.



# Technical Highlights

## High efficiency

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Four sets of shearing cutter rollers with high efficiency cooperation to reduce ineffective gripping, reversing and idling time and high efficiency.



## Long Service Life

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High strength spindle refined by multiple processes, high mechanical strength, high fatigue and impact resistance and long life.



## GI Intelligent Monitoring System

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It can monitor the operation condition in real time; fault warning indication, escorting for long time continuous work.



## Long Life

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Cutters with high wear resistance, moderate toughness, strong interchangeability and long service life.



## Application

- **Plastics**  
Mouldings, Purgings / Lump, Profiles, Films etc.
- **Timber / Wood**  
Pallets, Joiners Waste, Green Waste etc.
- **Metal Products**  
Aluminum Profiles, Oil Filters, Car Casings, Garbage Cans etc.
- **Aluminum**  
Used Beverage Cans (UBC's), Swarf, Cables etc.
- **Electronic Appliances**  
Refrigerators, Circuit Boards, TV Casings, etc.
- **Security Destruction**  
Counterfeit Items, Faulty Goods, Out of Date Medicine etc.
- **Garbage**  
Domestic Waste, Kitchen Waste, Industrial Waste, Waste Tire etc.



IBC Tote



FIBC Bulk bag



Waste Appliances



Thick-Wall Plastic Pipe



Oil Filter



Waste Tire



Paint Bucket



Wooden Pallet



# Configuration

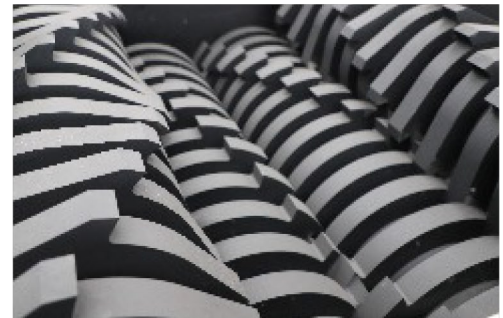
## Four-Shaft Shredder

GF Series



Model	Capacity (m <sup>3</sup> /h)	Output size (mm)	Dimension (mm)
GF13	1-6	50-150	3200×2000×3000
GF15	2-10		4000×2000×3000
GF18	3-15		4500×2200×3200

## Four-shaft Shredder in Action





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