

Double-Shaft Shredder

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Patented Products



International
Quality System
Certification



CE Certification

Patents

ZL 2020 1 1009400.0

ZL 2022 2 0369576.5

ZL 2022 3 0129242.6

Double-Shaft Shredder are versatile solutions for material reduction.



Double-shaft shredders are versatile solutions for material reduction.

Overview

GEP ECOTECH's double-shaft shredders are expertly designed to process flexible and ductile materials, effectively serving purposes like destruction, volume reduction, or recycling. Operating at low speeds, these shredders deliver remarkable cutting force, capable of handling challenging materials while ensuring minimal noise and dust emissions.

Double-shaft shredders are successfully operational in a variety of settings globally, including waste sorting centers, recycling plants, waste-to-energy facilities, cement factories, and composting sites. Their superior performance consistently exceeds industry standards, garnering worldwide recognition and trust from our clientele. This acclaim is a testament to their exceptional efficiency, durability, and state-of-the-art technology.

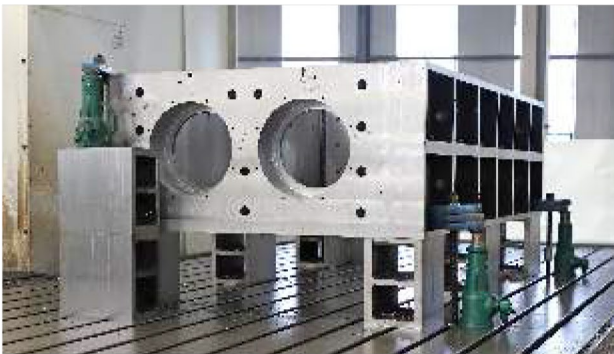
Employing advanced technology and maintaining unwavering quality, GEP ECOTECH stands as a reliable choice for high-performance shredding solutions.

The primary challenges for double-shaft shredders arise from complex operating conditions and fluctuating materials. These shredders are built to function in harsh environments where material flows can be variable and sometimes unpredictable. Inadequate torque might impede the completion of tasks, potentially leading to energy wastage due to continuous reversing. On the other hand, excessive torque, if not matched with appropriate machine performance, can cause severe mishaps, including the catastrophic failure of shafts.

Technical Highlights

Integral Patented Cutter Box

Fine design, high quality processing, can guarantee the efficient and stable operation of the machine.



Long Service Life

Shaft and cutter are made of high-strength alloy steel with multi-step finishing process for long service life.



GI Intelligent Monitoring System

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



Long Time Continuous Operation

International famous brand bearings quality assurance, high load resistance, can withstand long time continuous operation.



Application

- **Plastics**
Mouldings, Purgings / Lump, Profiles, Films etc.

- **Timber / Wood**
Pallets, Joiners Waste, Green Waste etc.

- **Paper & Cardboard**
Confidential Documents, Production Waste, Packaging Materials etc.

- **Aluminum**
Used Beverage Cans (UBC's), Swarf, Cables etc.

- **Textiles**
Carpet (Rolls & Tiles), Garments etc.

- **Security Destruction**
Counterfeit Items, Faulty Goods, Out of Date Stocks etc.

- **Foams**
Production Waste, Insulation Materials, Product Fillings etc.



Scrap Plastic



Wood



Paper



Aluminum



Textiles



Medical Waste



Fiberglass



Scrap Tire

Configuration



Double-Shaft Bulky
Waste Shredder

GDL Series



Double-Shaft Industrial
Waste Shredder

GDI Series



Double-Shaft
Biomass Shredder

GDB Series

Model	Capacity (m ³ /h)	Output size (mm)	Dimension (mm)
GDL Series			
GDL450	10-25	About 100~300	4000×1750×3000
GDL550	15-40		5000×2650×3300
GDL750	20-70		5500×2750×3500
GDL950	40-80		5500×2850×3600
GDL1150	60-100		6000×3150×3800
GDI Series			
GDI8	5-10	100-300	5000×2650×3300
GDI9	8-15		5300×2750×3400
GDI10	10-20		5500×2850×3500
GDI12	15-30		6000×3250×3600
GDI13	20-40		6400×3500×4000
GDI15	30-50		6900×3700×4500
GDB Series			
GDB115	8-25	50~200	6000×3300×4000
GDB215	20-30		6500×3500×4300
GDB315	30-60		6900×4000×4700
GDB415	50-70		7000×4300×4800

Note: Technical specifications may change without notice due to ongoing technological advancements.

Configuration



Double-Shaft
Waste Tire Shredder

GDT Series



Double-Shaft Food
Waste Shredder

GDF Series

Model	Capacity (m ³ /h)	Output size (mm)	Dimension (mm)
GDT Series			
GDT6	1-3	50~300	4100×3200×3060
GDT8	2-6		4300×3200×3160
GDT9	4-8		5400×3200×3260
GDT10	5-12		5500×2780×3457
GDT12	8-15		6000×3260×3656
GDT13	10-20		6350×3490×4025
GDT15	12-30		6900×3700×4500
GDF Series			
GDF5	1-5	30~200	2100×1000×1900
GDF5P	3-8		2500×1000×2000
GDF6S	4-10		3000×1100×2200
GDF6	6-15		3100×1200×2500
GDF8	10-20		4300×3200×3200
GDF9	15-30		5400×3200×3300

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Double-shaft Shredder in Action





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