

SHARING THE GREEN TECHNOLOGY

National Patents: ZL 2022 2 0059957.3
ZL 2020 2 2105462.3
ZL 2019 2 0908474.4



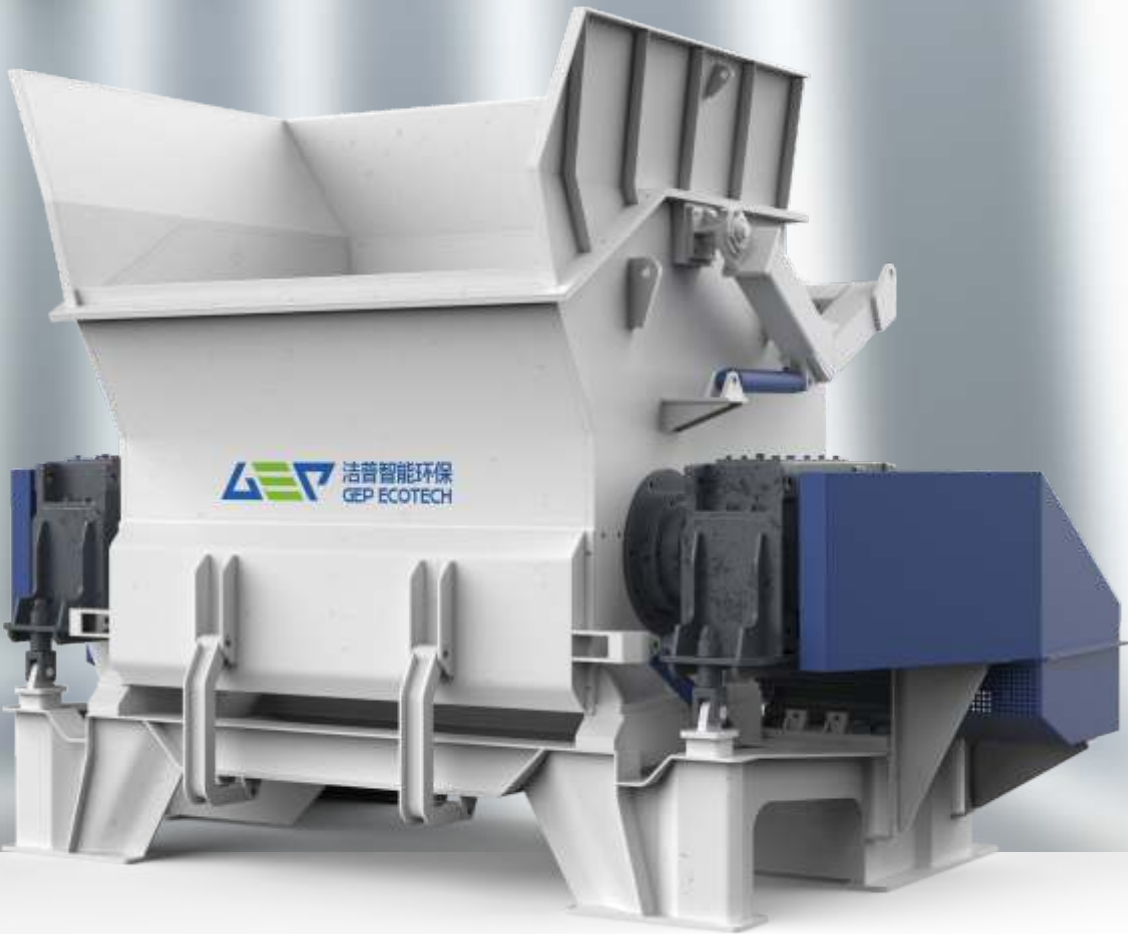
Patented Products



International
Quality System
Certification



CE Certification



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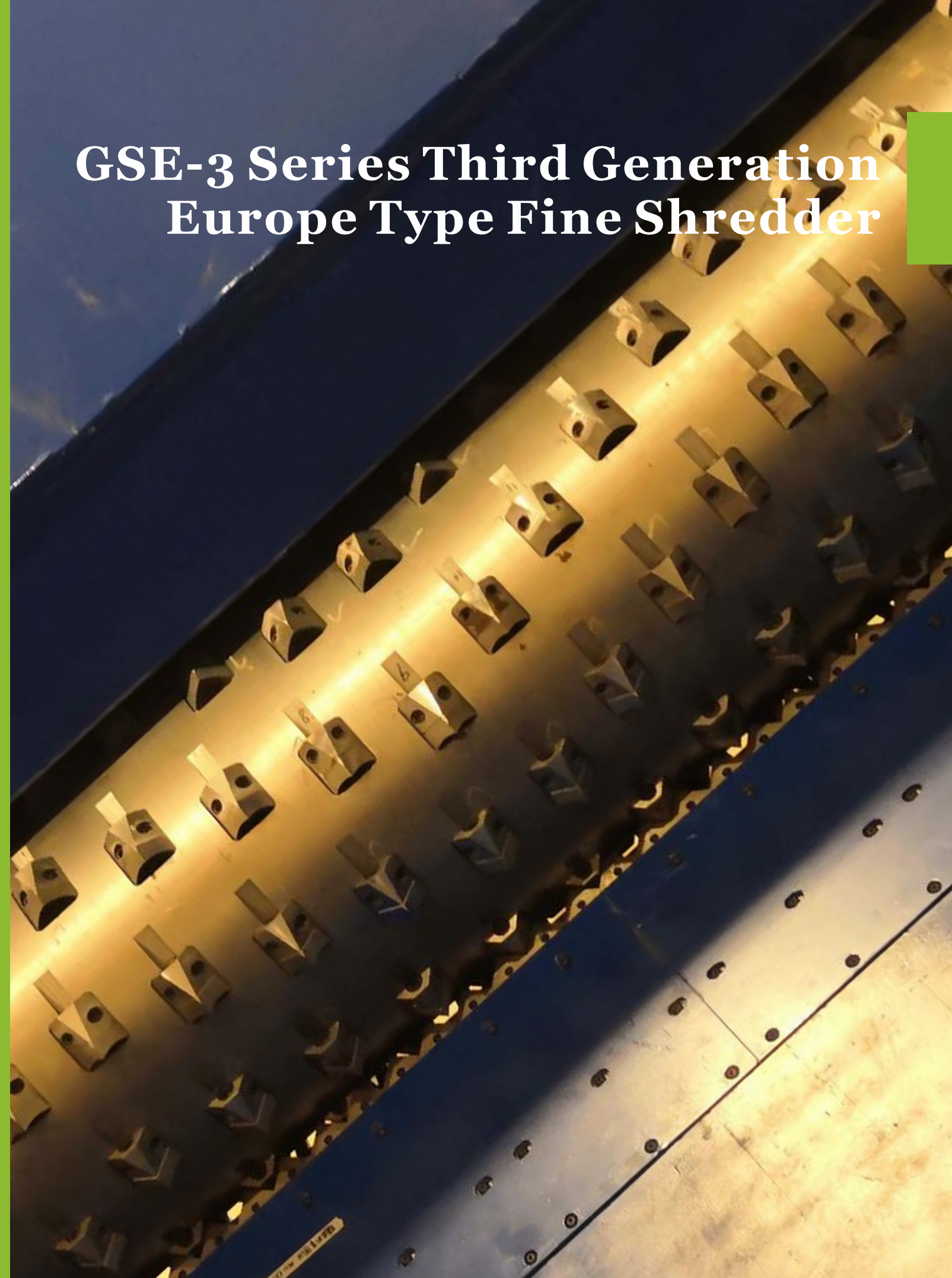
GSE-3 Series Third Generation
Europe Type Fine Shredder



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GSE-3 Series Third Generation Europe Type Fine Shredder

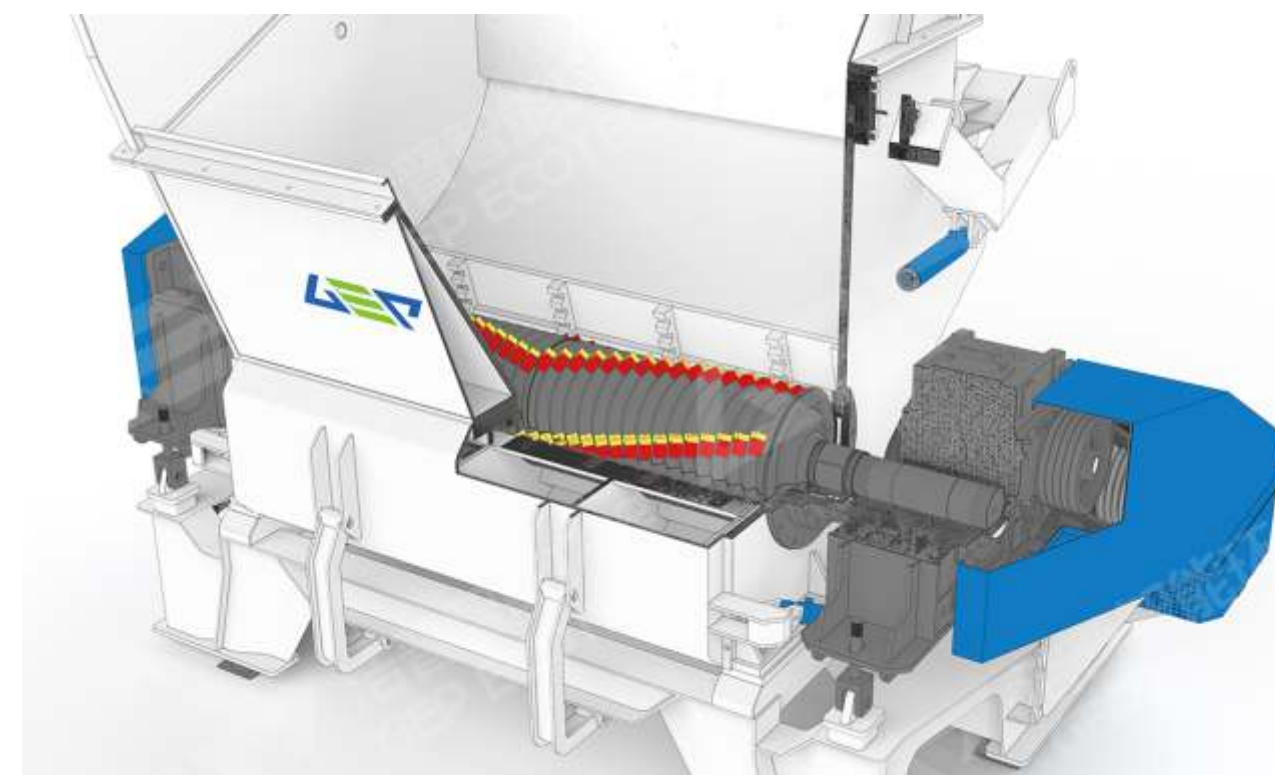
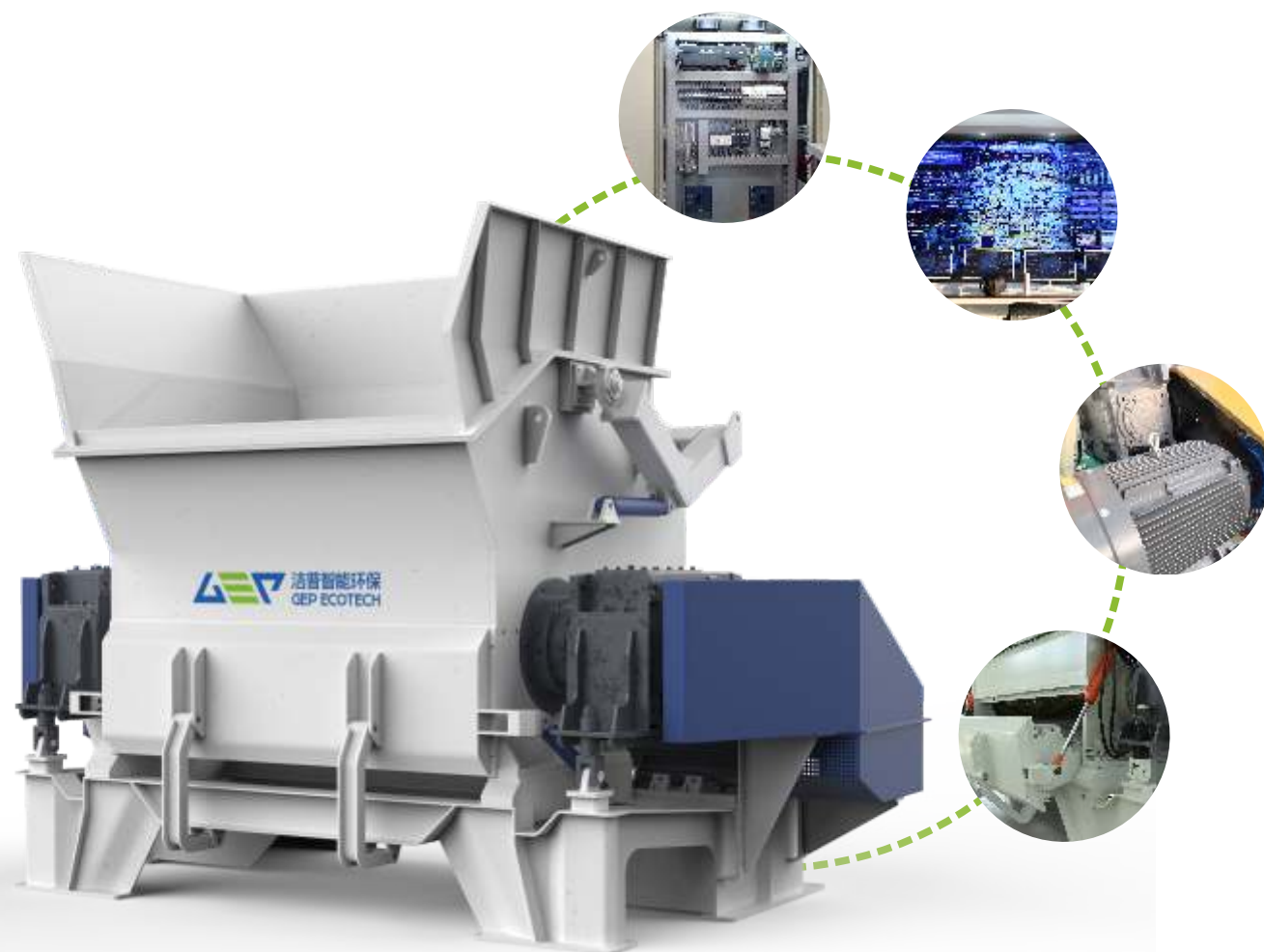


PRODUCT DESCRIPTION

The GSE-3 series European version fine shredder is the third generation of enhanced solid waste fine shredding equipment based on the characteristics of domestic domestic waste and industrial waste, fully integrated with customer needs and market conditions, after a new strengthening and upgrading of the equipment. The new model has been optimised and upgraded in terms of structure design, performance quality and user experience. On the basis of the advantages of fine shredding, low operating cost, robustness and ease of operation, the comprehensive strength is stronger, the material range is wider, the shredding capacity is stronger and the advantages in the high intensity shredding of complex materials in large production lines are remarkable.

» Working principle

The material enters into the box of the fine shredder through the feeding system, the unique "U" design structure of the chamber allows the material to directly contact the cutter rollers of the equipment to form a shredding, while the hydraulic pusher for forced feeding to improve the shredding efficiency of the equipment; the cutter rollers are driven by motor + reducer or hydraulic drive rotation, the cutter particles on the cutter rollers and fixed in the chamber on both sides of the fixed cutters to tear, shear, shredding and other comprehensive action, be torn into small pieces after the screen discharge, the material larger than the screen discharge aperture will be torn again in the chamber, the screen aperture can be designed according to the size of the material discharge.



» Equipment composition

Frame, cabinet, screen assembly, rotor, pusher, access door, power unit, GI intelligent monitoring system (optional), intelligent dust reduction system (optional)

Product Highlights



01/

» Greater integration

- The power system, shredding system, hydraulic feeding system, fast discharge system, intelligent protection system and maintenance system are integrated into one, making operation more convenient and the automatic handling capacity and synergy function more powerful.



02/

» Original strengths enhanced

- The original inclined hydraulic pusher, the "V" shaped cutter layout and the fixed pattern are fully retained, together with the new machine structure, the advantageous functions are more strongly displayed and the capacity and the shredding effect of the machine are higher.



03/

» Better equipment construction

- The integration of the discharge screen and access door into one unit reduces some of the ancillary components and allows the machine to be opened hydraulically with a single key during maintenance, making it easier to access and adjust the screen, which not only reduces maintenance time but also greatly improves the stability of the machine in long-term operation.



05/

» Automated and intelligent enhancements

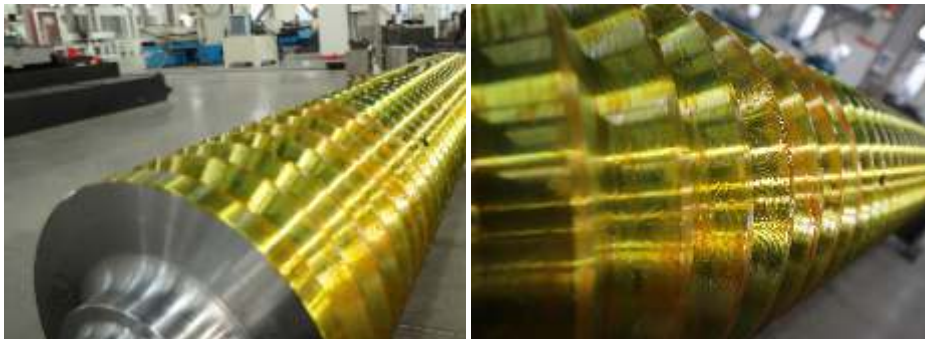
- The new equipment is strongly integrated, with three upgrades to make the functions more compatible with the GI Intelligent Monitoring System, and the automation of the equipment is further enhanced with smarter automatic maintenance, data monitoring and exception handling.



04/

» Basic function upgrades

- Adding a wear-resistant layer to the cutter shaft and adjusting the ratio of toughness and strength of the cutter allows the basic functions of the equipment to play a higher shredding capacity and efficiency under the new structure, with an overall improvement in performance, a wider range of applications and a longer service life of the equipment.



06/

» A more intimate design

- The belt guard has been changed to a split structure, which is not only more convenient to dismantle and install and easy to replace the belt, but also better ventilation of the transmission components, which can effectively prevent dust accumulation and improve the operating stability of the equipment; the equipment has a beautiful appearance, with a variety of colors to choose from, adding colors to different styles of production workshops.



Technical Parameters

Model	Capacity (t/h)	Discharging size (mm)	Dimension (mm)
GSE312	0.8-3	30-120	3000×2000×3000
GSE315	1-5		3600×2000×3000
GSE320	3-8		3800×2000×3000
GSE330	8-20		5600×2200×3300

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| GREEN TECHNOLOGY |
共享绿色科技



INTELLIGENT SOLID WASTE DISPOSAL SOLUTION PROVIDER AND EQUIPMENT MANUFACTURER

NATIONAL PATENT



An Adjustable Single-shaft Shredder	Patent No.:ZL 2022 2 0059957.3
A Cutter Seat and a Cutter Seat Component and Shredder Using the Cutter Seat	Patent No.:ZL 2019 2 0908474.4
Shredder	Patent No.:ZL 2020 2 2105462.3
Shredder and Its Chassis	Patent No.:ZL 2017 2 1351290.X

SOFTWARE COPYRIGHT



Intelligent Dust Reduction System for Waste Crushing	Registration number: 2019SR0053423
Crusher Operation Self-diagnosis System	Registration number: 2019SR0071856
Crusher O&M Monitoring System	Registration number: 2019SR0067379
Crusher Intelligent Monitoring System	Registration number: 2019SR0072287
Shredder Monitoring System	Registration number: 2019SR0071791
Automatic Shredder Spindle Cooling Control System	Registration number: 2019SR0072440
Shredder Self-diagnostic Analysis System	Registration number:2019SR0067377



DIGITAL GEP ECOTECH

2012

Founded in 2012, GEP Group has taken resource recycling as our mission and is committed to the research and development, production, sales and service of intelligent solid waste shredding equipment and its supplementary equipment, as well as providing professional and customized system solutions for solid waste disposal production lines. With more than ten years of experience, GEP has covered dozens of countries and regions around the world, and has become a major force in the solid waste field.

66000

Our company have an efficient intelligent equipment manufacturing base with a total area of 66,000 square meters, equipped with complete high-precision equipment processing systems such as CNC vertical machining centers, CNC gantry machining centers, CNC lathes, CNC grinders, CNC wire cutting, and an experienced professional technical team. It can achieve the efficient production demand of 400 sets of intelligent environmental protection equipment per year, ensuring timely delivery of various customer orders.

150+

Our company has been awarded National High-Tech Enterprise, Henan Solid Waste Resource Recycling Equipment Engineering Technology Research Center, Henan Province "Professionalization, Refinement, Specialization, Novelty" Small and Medium Enterprise, Henan Province Science and Technology Small and Medium Enterprise, Zhengzhou City Science and Technology Little Giant and other enterprise awards. It has obtained 128 national patents and 39 software copyrights, and has successfully passed the ISO "three systems" certification for quality management, environment management, and occupational health and safety management, as well as the Europe Union CE certification.

70+

Our company has made achievements in eight fields, namely, bulky waste recycling, biomass recycling, industrial waste recycling, construction and demolition waste recycling, waste tires recycling, hazardous waste recycling, food waste recycling and MSW recycling, winning the favor of more than 70 overseas clients and successfully helped customers achieve the recycling of solid waste, showcasing the intelligent manufacturing capability of Chinese environmental protection equipment manufacturing enterprise to the world.

WORRY-FREE SERVICE

Our commitment

The service we supply is more than the products you buy
 When you buy a product, you are buying a service that covers the entire life cycle of the product.

30

A response to technical enquiries
 within 30 minutes

24

Engineer dispatch
 within 24 hours

12

Free repair within 12 months
 of delivery

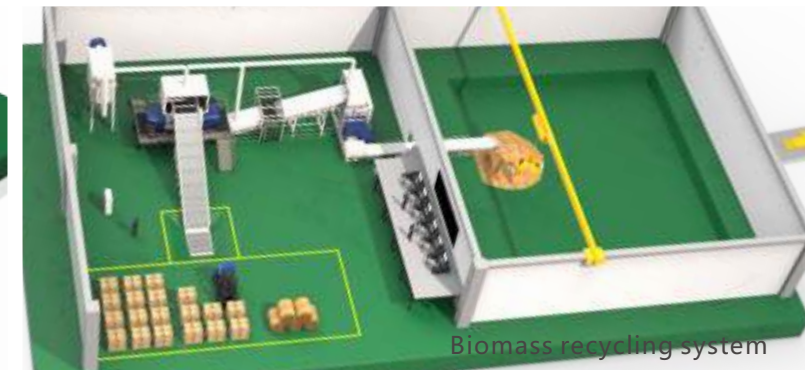
365

365 days a year for
 service requests

SERVICE SECTORS



Bulky waste recycling system



Biomass recycling system



Industrial waste recycling system



Construction and demolition waste recycling system



Waste tire recycling system



Tower type hazardous waste recycling system



Food waste recycling system



Domestic waste recycling system



Double-Shaft Bulky
Waste Shredder



Double-Shaft Food
Waste Shredder



Double-Shaft Industrial
Waste Shredder



Double-Shaft Waste
Tire Shredder



Pre-Shredder



Four-Shaft Shredder



Third Generation
Europe Type Fine Shredder



Single Rotor Fine Shredder



Double-Shaft Biomass
Shredder

PRODUCT FAMILY



Double Rotor Fine Shredder



Jaw Crusher



Impact Crusher



Cone Crusher



Vertical Shaft Impact
Crusher



Mobile Crusher Plant



Mobile Shredder Plant



RDF Pelleting Mill



Wind Sifter