

SHARING THE GREEN TECHNOLOGY

Patents ZL 2021 2 3310499.0



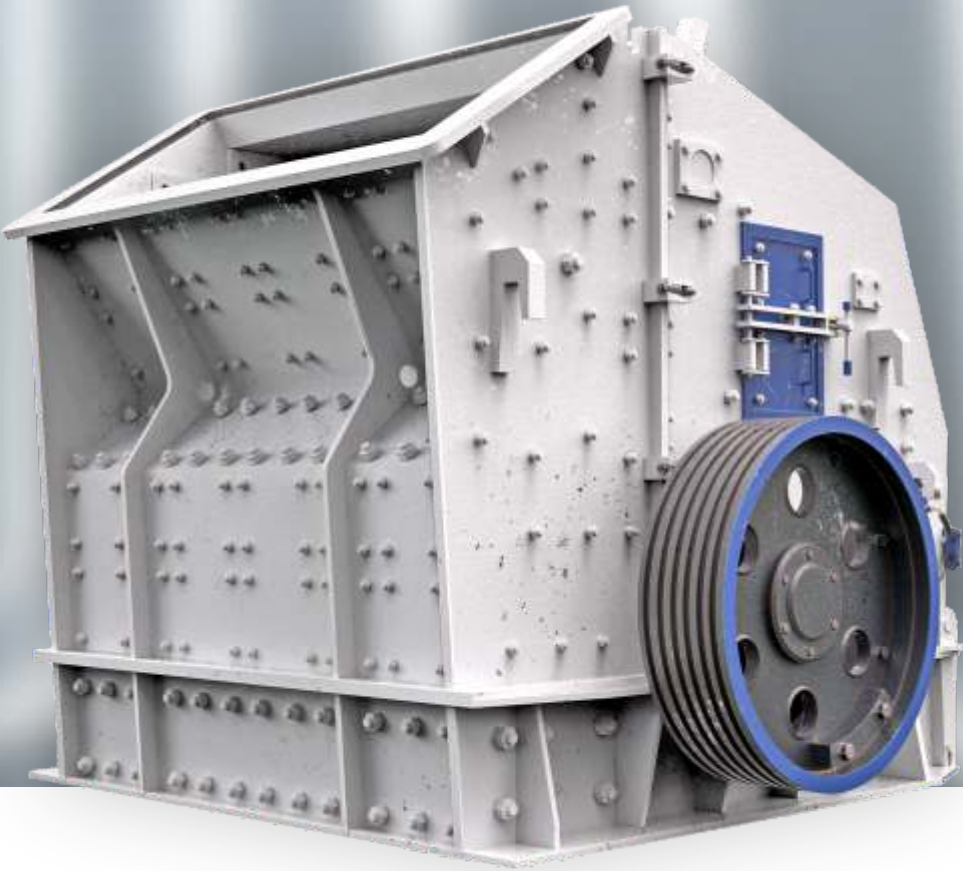
Patented Products



International
Quality System
Certification



CE Certification



郑州洁普智能环保技术有限公司
ZHENGZHOU GEP ECOTECH CO., LTD

T: +86-371-56177311 F: +86-371-56177322

Email: sales@gepecotech.com

中文官网: www.gephb.com
英文官网: www.gepecotech.com

中国-郑州-高新区长椿路23号
No.23 Changchun Road, High-tech zone, Zhengzhou, China

GEF Series Impact Crusher

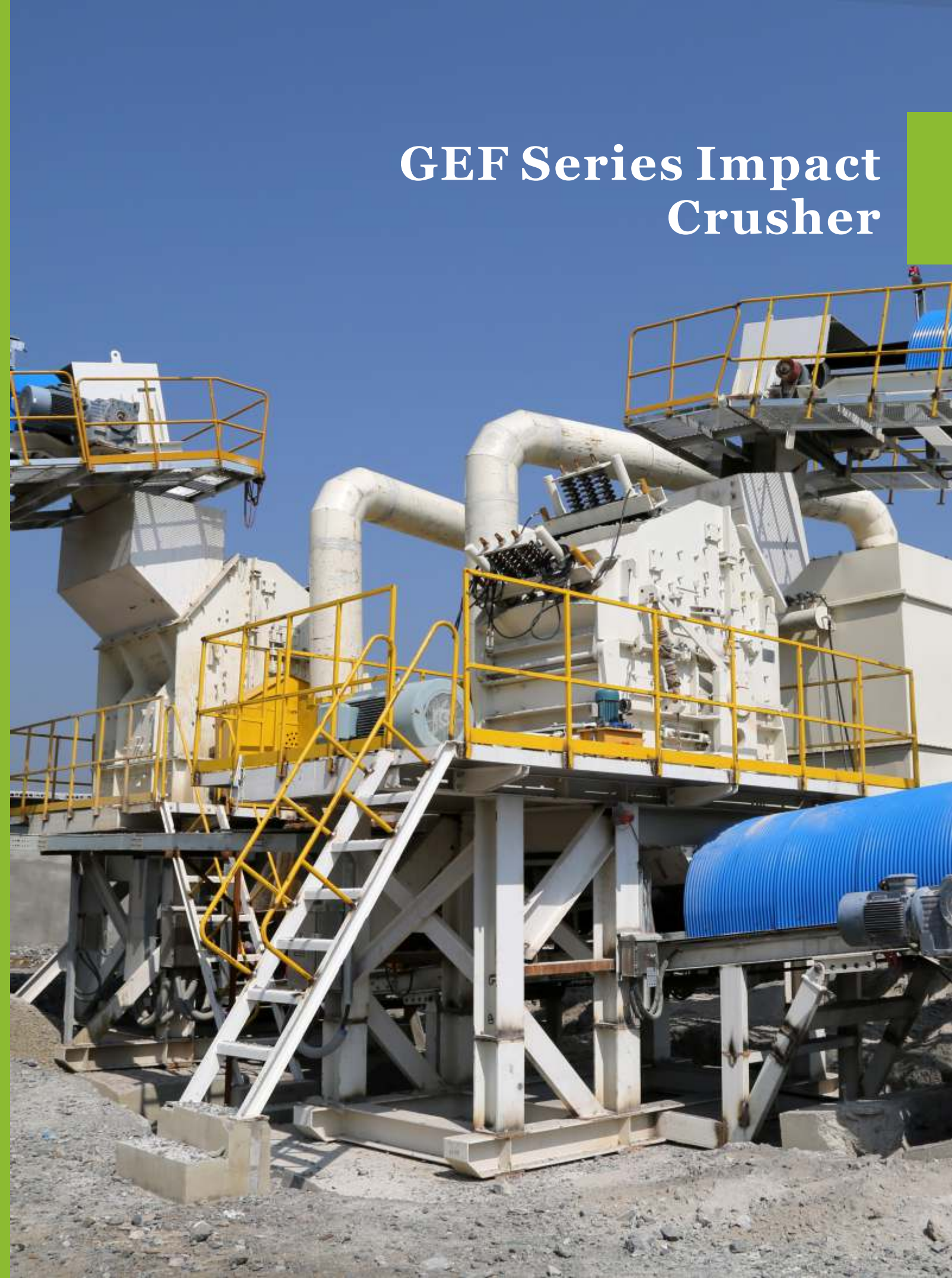


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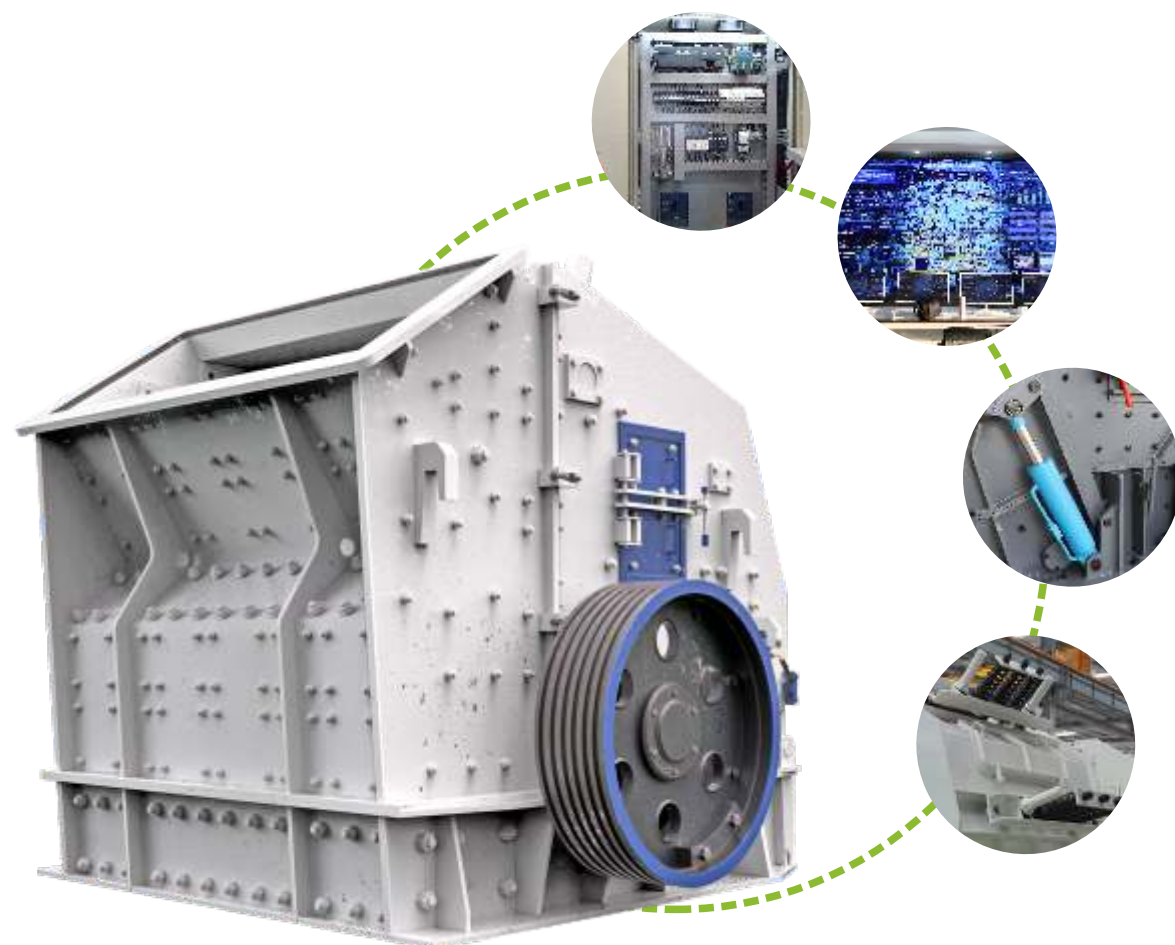
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GEF Series Impact Crusher



PRODUCT DESCRIPTION

Impact crusher is very suitable for coarse, medium and fine crushing of harder materials such as concrete, asphalt and bricks in construction and renovation waste. It has become a star product in construction and renovation waste disposal and recycled aggregate production because of its high crushing efficiency and good finished grain shape. GEF series impact crusher is optimized for the difficulties encountered in construction and renovation waste, with high quality and high performance, two and three chambers are available for customers to choose, creating more value on it.

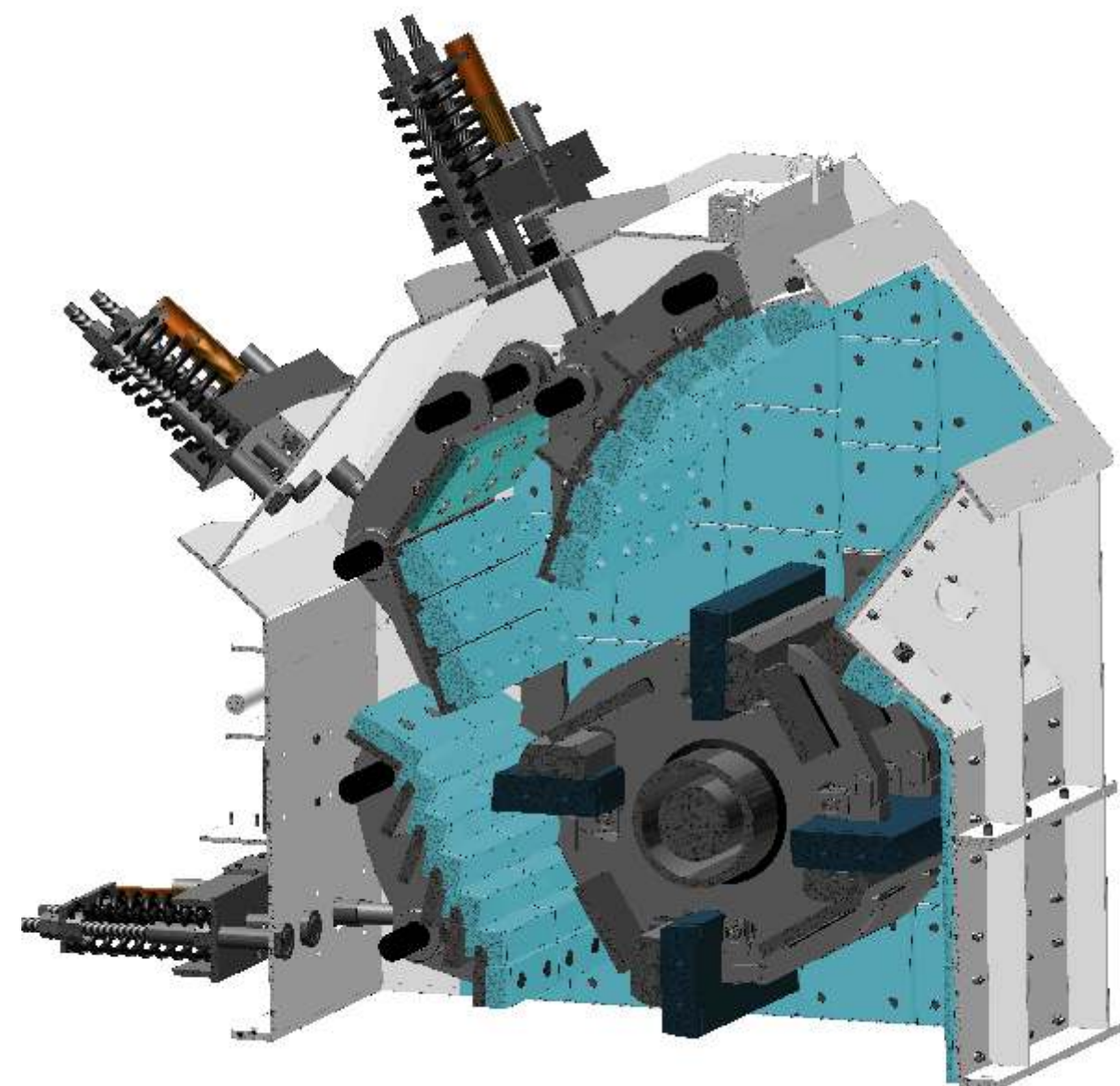


» Equipment composition

Rotor, impact frame, frame, hydraulic cover opening device, transmission part, GI intelligent monitoring system (optional), intelligent dust reduction monitoring system (optional)

» Working principle

When the material enters the action area of the hammer, it is crushed by the high-speed impact of the hammer, and is thrown to the impact device installed above the rotor to be crushed again, and then bounces back to the action area of the hammer from the impact liner to be crushed again. This process is repeated until the material is crushed to the required size and discharged from the lower part of the machine.



Product Highlights



01/

» Big feed opening design

- The enlarged feed opening design increases the feed size and achieves a larger crushing ratio. It can replace jaw crusher in some occasions, especially when processing construction waste such as reinforced concrete with larger feed size.



02/

» Heavy duty rotor design

- The heavy-duty rotor design can obtain higher rotational inertia and impact force to enhance the crushing capacity; the finite element force analysis can easily cope with the complex force situation and is robust and durable.



03/

» Hammer locking system

- Unique hammer locking structure, greater tightening torque, more secure locking, more convenient installation and replacement, and also eliminates the problem of wear and tear when bolting the hammer.



05/

» Standardized liners

- Standardized design of liner plate, strong interchangeability, reduce customer spare parts and inventory, and is easy to replace.



04/

» Hydraulic adjustment device

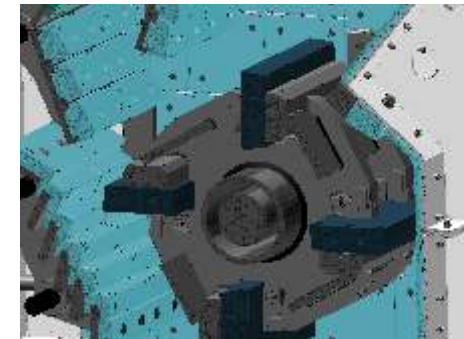
- The hydraulic adjustment and opening device can open the frame and act as the adjustment device of the discharge port, which can quickly complete the replacement of wearing parts such as hammer head and the adjustment of the discharge port, saving human labor and time.



06/

» Overload protection device

- To protect the rotor body and the hammer, the overload and over iron protection devices are optimized. The impact plate can be retracted in case of overload, and once the load value returns to normal, the impact plate will return to the preset position and work normally.





Technical Parameters

Model	Rotor (mm)	Feed Opening (mm)	Max Feeding Size (mm)	Capacity (t/h)	Motor Power (kW)	Weight (t)
GEF615	Φ1200×1400	1450×760	500	210-300	110-132	17.4
GEF715	Φ1300×1500	1550×1070	600	300-460	200-250	26
GEF815	Φ1400×1500	1550×1130	650	300-460	250-315	27.2
GEF915	Φ1500×2000	2050×1060	700	350-550	400-500	36.2

SHARING THE
| GREEN TECHNOLOGY |
共享绿色科技



INTELLIGENT SOLID WASTE DISPOSAL SOLUTION PROVIDER AND EQUIPMENT MANUFACTURER

NATIONAL PATENT



A Plate Hammer Structure for Impact Crusher	Patent No.:ZL 2021 2 3310499.0
Anti-blocking Nozzle	Patent No.:ZL 2017 1 0365245.8
A Kind of Crusher Control System	Patent No.:ZL 2019 2 0259196.4
Negative Pressure Dust Removal Device	Patent No.:ZL 2017 2 0572159.X

SOFTWARE COPYRIGHT



Crusher Operation Self-diagnosis System	Registration number: 2019SR0071856
Crusher O&M Monitoring Systems	Registration number: 2019SR0067379
Crusher Intelligent Monitoring System	Registration number: 2019SR0072287
Crushing Production Line Intelligent Monitoring System	Registration number: 2019SR0053414
Intelligent Dust Reduction System for Mining Crusher	Registration number: 2018SR1078342
Intelligent Dust Reduction System for Waste Crushing	Registration number: 2019SR0053423
Intelligent Monitoring System for Waste Crushing Line	Registration number: 2019SR0072410



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

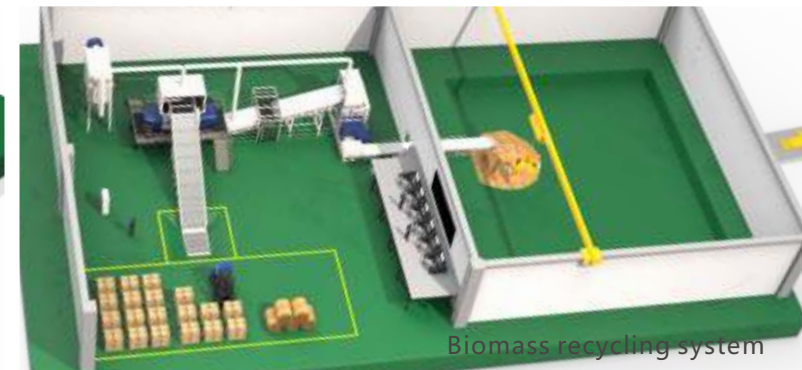
365

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



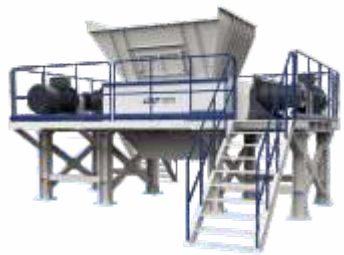
Tower type hazardous waste recycling system



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

PRODUCT FAMILY



Double-Shaft Biomass
Shredder



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