

SHARING THE GREEN TECHNOLOGY

Patents ZL 2019 2 0154367.7
ZL 2017 2 1351102.3
ZL 2017 2 1349588.7



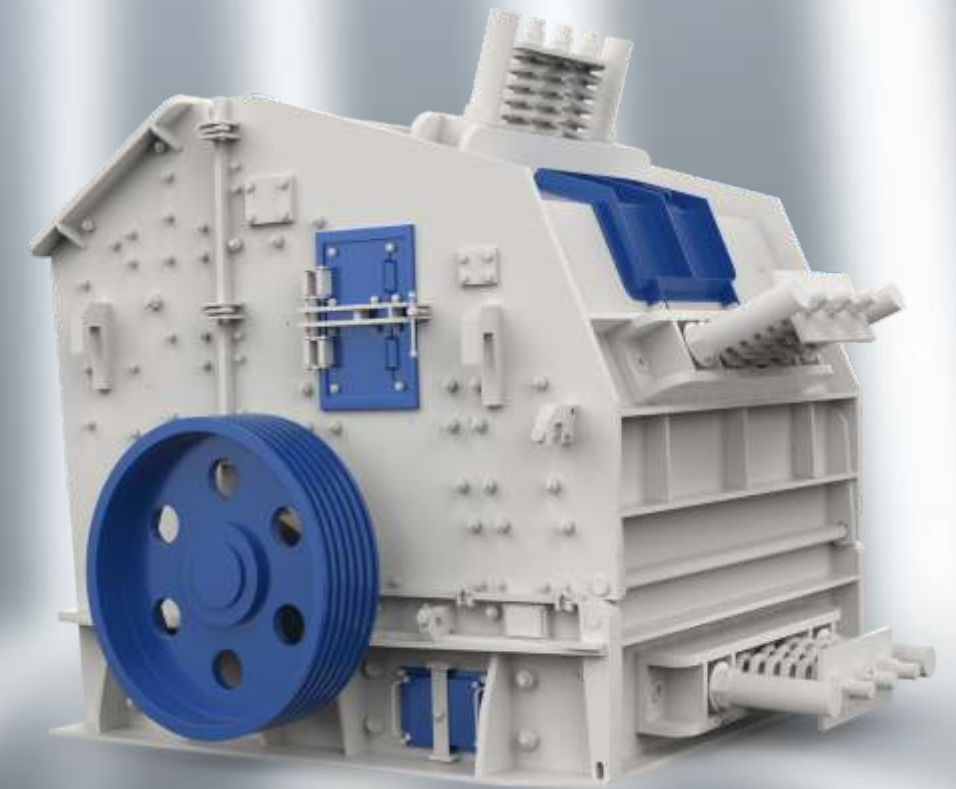
Patented Products



International
Quality System
Certification



CE certification



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GEF Series Impact Crusher



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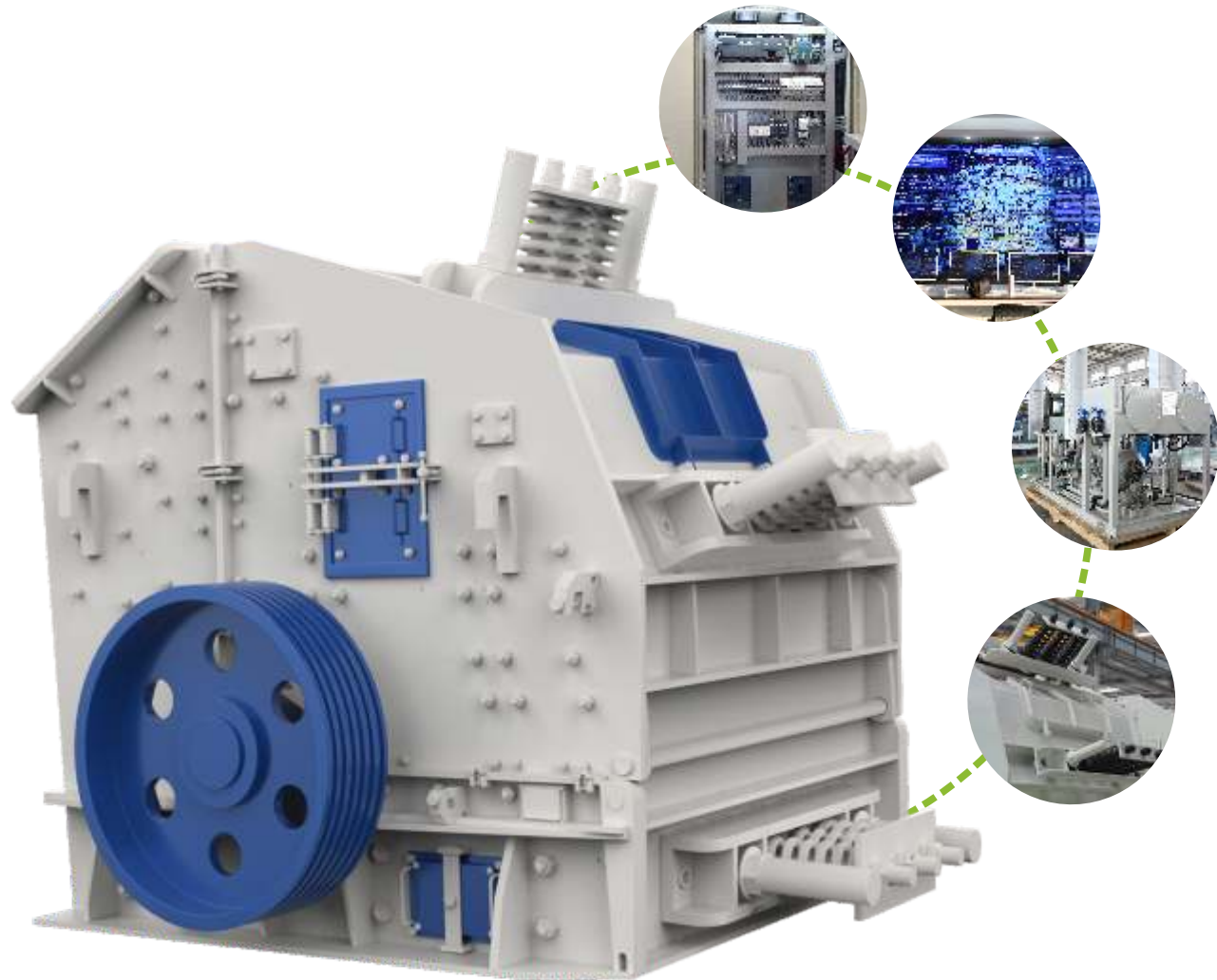
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GEF Series Impact Crusher



R & D BACKGROUND

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.

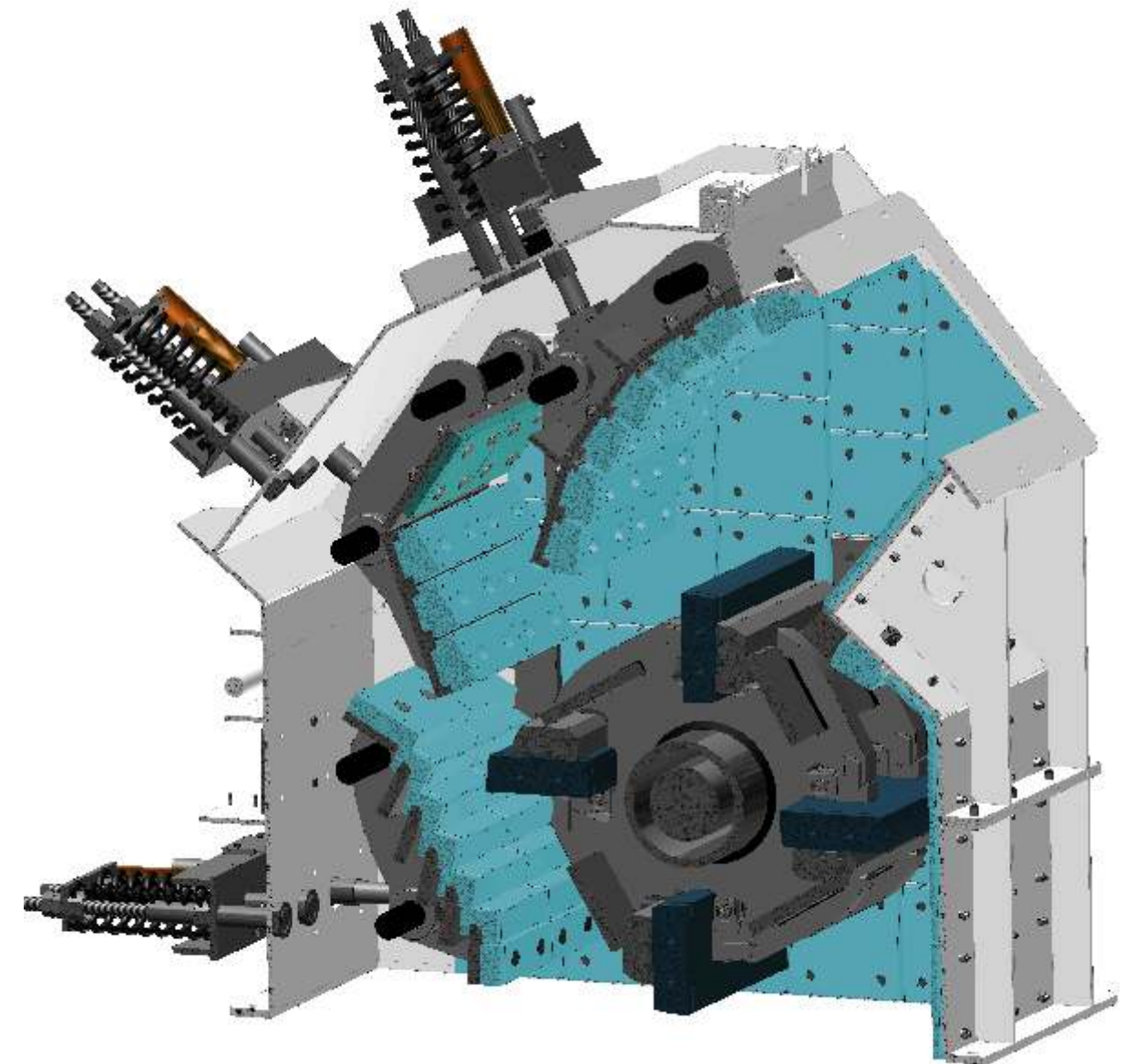


» Equipment composition

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

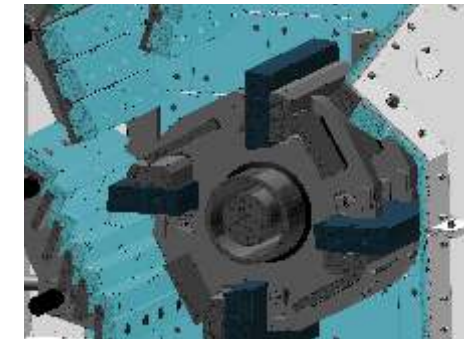
- The hydraulic adjustment and opening device can open the frame and act as the adjustment device of the discharge port, which can quickly complete the replacement of wearing parts such as hammer head and the adjustment of the discharge port, saving human labor and time.



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)
GEF128	Φ1000x700	750x620	300	50-80	37-55	11.8
GEF139	Φ1000x1000	1100x630	400	80-130	55-75	14.6
GEF239	Φ1200x1000	1100x740	500	210-300	110-132	14.7
GEF255	Φ1200x1400	1450x760	500	210-300	110-132	17.4
GEF359	Φ1300x1500	1550x1070	600	300-460	200-250	26
GEF459	Φ1400x1500	1550x1130	650	300-460	250-315	27.2
GEF579	Φ1500x2000	2050x1060	700	350-550	400-500	36.2
GEF679	Φ1600x2000	2050x1280	800	400-600	560-630	53.9
GEF779	Φ1800x2000	2050x1670	1000	500-850	630-800	77.7

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共享绿色科技



NATIONAL PATENT



A kind of crusher control system

Patent No.:ZLZL 2019 2 0259196.4

Negative pressure dust removal device

Patent No.:ZLZL 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

**INTELLIGENT SOLID WASTE DISPOSAL SOLUTION
PROVIDER AND EQUIPMENT MANUFACTURER**



Equipment manufacturing base



DIGITAL GEP ECOTECH

2007

Founded in 2007, 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 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.

35000

Located in the Yuan Yang County Industrial Cluster, the high-efficiency intelligent environmental protection equipment manufacturing base has a total investment of 500 million yuan, covering a total area of 100 mu, with a total construction area of 35,000 square meters, an annual output of 400 sets of high-efficiency intelligent environmental protection equipment, and an annual output value of more than 500 million. With CNC wire-cut machine tools, CNC lathes, vertical machining centres, CNC gantry machining centres and more than 100 sets of precision processing equipment.

100+

The company has now been awarded as a high-tech enterprise, AAA grade credit rating enterprise, provincial and municipal solid waste resource recycling equipment engineering technology research centre and other corporate awards, has obtained 75 national patents and 15 software copyrights, and has successfully passed the ISO three system certification (quality, environment and occupational health) and the CE certification.

8

GEP ECOTECH is deeply committed to the 8 major fields of bulky waste disposal, biomass fuel pre-shredding, food waste comprehensive disposal, industrial waste comprehensive disposal, waste tire recycling disposal, hazardous waste shredding, domestic waste shredding and sorting, construction & decoration waste disposal, with rich experience, excellent equipment and services.

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

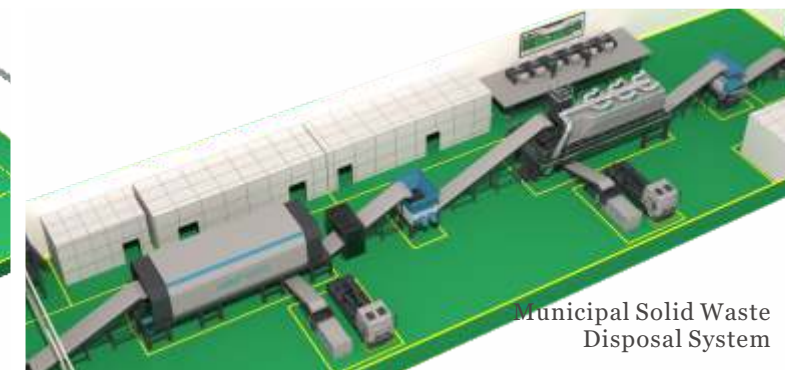
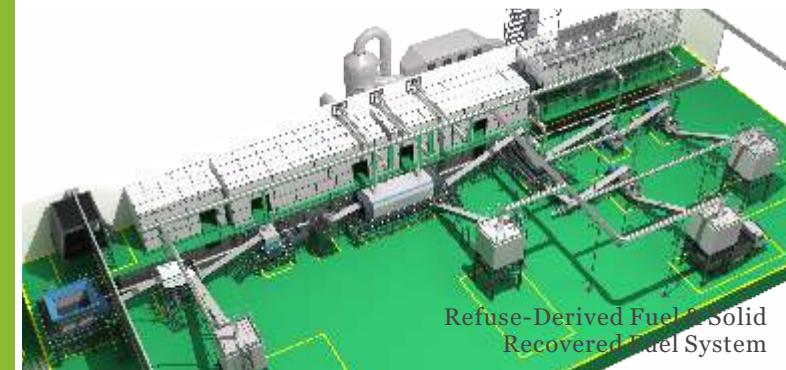
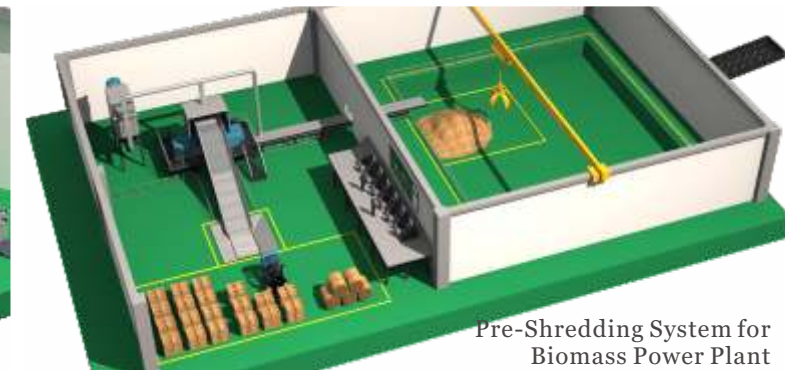
12

Free repair within 12 months
of delivery

365

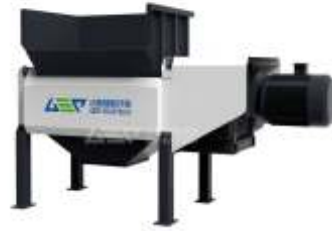
365 days a year for
service requests

SERVICE SECTORS





GDL Bulky Waste Shredder



GDF Food Waste Shredder



GDI Industrial Waste Shredder



GDT Tyre Shredder



GC Pre-shredder



GF Four Shaft Shredder



GSX Flat Push Single Shaft Fine Shredder



GSS European Single Shaft Fine Shredder



GDB Biomass Shredder

**INTELLIGENT SOLID WASTE DISPOSAL SOLUTION
PROVIDER AND EQUIPMENT MANUFACTURER**



GSD Double Shaft Fine Shredder



GEC Jaw Crusher



GEF Impact Crusher



GEV Vertical Shaft Impact Crusher



GPW Tyre Solid Waste Mobile Shredding Plant



GPC Crawler Solid Waste Mobile Shredding Plant



Flip-flow Screen Gesc Series



Rotary Drum Screen Gts Series



Wind Sifter Gfx Series