

SHARING THE GREEN TECHNOLOGY

Patents ZL 2019 2 0259196.4  
ZL 2017 2 0572159.X



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

GPW series wheel type  
mobile solid waste crusher



Contents  
目录

# Contents

- 01 / 02 ● R & D Background
- 03 / 06 ● Product Highlights
- 07 / 08 ● Technical Parameters
- 09 / 10 ● National Patent, Software Copyright
- 11 / 12 ● Digital GEP Ecotech
- 13 / 14 ● Worry-free Service, Service Sectors
- 15 / 16 ● Products Family

## GPW series wheel type mobile solid waste crusher





## R & D BACKGROUND

In order to meet the rapid disposal of scattered waste, eliminate the restrictions on disposal equipment due to factors such as shredding site, foundation, disposal volume and electricity, and provide customers with solid waste shredding equipment that is easy to move, has a short disposal cycle, low investment cost and high asset preservation, GEP ECOTECH has launched the GPW series wheel type mobile solid waste crusher. With its own mobile chassis, it can be quickly transferred between scattered waste disposal sites; with a built-in diesel engine, it can be put into production immediately without external power supply; the core equipment is mature and stable, with high shredding efficiency, and can be flexibly selected according to the different needs of output and discharge size.



### » Equipment composition

Mobile chassis, feeding equipment, shredding equipment, conveying equipment, magnetic separation equipment, GI intelligent monitoring system (optional), intelligent dust reduction monitoring system (optional)

### » Working principle

When working, the gripper places the material into the shredder for shredding operation, and the shredded material is sorted by the magnetic separator and output by the discharge conveyor.



# Product Highlights



01/

## » Flexible and easy to transfer

- The tyre chassis can be driven long distances with a tractor, with a small turning radius, low ground pressure and good pass ability, and can adapt to complex geographical environments; it is convenient and quick to transfer, especially at multiple waste disposal sites with high speed and efficiency.



02/

## » Compact structure, no infrastructure required

- The mobile chassis, diesel engine, feeding, shredding, conveying, magnetic separation and other process equipment in one, compact structure, small footprint; no infrastructure construction, hydraulic support can start operation, significantly reduce infrastructure and accessory installation costs.





03/

### » Multiple configurations, various combinations

- It can be flexibly equipped with different types of coarse, medium and fine shredding equipment, feeding, conveying and magnetic separation equipment, as well as intelligent monitoring and dust reduction equipment; it can be operated independently or in combination with other equipment, with various combinations.



04/

### » Mature equipment, stable and durable

- All core shredding equipment on the frame is made of GEP's mature and stable products, carefully built with high quality materials, heat treatment and other processes, high mechanical strength and machining precision. Made by GEP, the best products will be produced!



SHARING THE  
| GREEN TECHNOLOGY |  
共享绿色科技



# Technical Parameters



### Wheel type mobile shredder

Model	Capacity(t/h)	Discharge size(mm)	Dimension(mm)
GPW9	3-20	100-300	9500×2700×4000
GPW10	5-30	100-300	10000×2700×4000
GPW12	8-40	100-300	12000×2700×4000



### Special for demolition waste wheel type mobile impact crushing plant

Model	GPW-I139II	GPW-I239II	GPW-I255II
Impact Crusher			
Model	GEF139	GEF239	GEF255
Feed Opening (mm)	1100x630	1100x740	1450x760
Capacity (t/h)	144-240	208-320	288-400
Vibrating Feeder			
Model	GVF0724	GVF0932	GVF0938
Hopper Volume (m3)	3.2	7. 6	9
Transport Dimensions			
Length (mm)	10800	11400	11490
Width (mm)	2780	2780	2880
Height (mm)	4170	4300	4470
Weight (kg)	30000	39300	46300



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

## NATIONAL PATENT 国家专利



A shredder control system	Patent No.:ZL 2019 2 0259196.4
Negative pressure dust removal device	Patent No.:ZL 2017 2 0572159.X

## SOFTWARE COPYRIGHT 软件著作权



Crusher Operation Self-Diagnosis System	Registration number:2019SR0071856
Crusher Operation and Maintenance Monitoring System	Registration number:2019SR0067379
Crusher Intelligent Monitoring System	Registration number:2019SR0072287
Crushing Production Line Intelligent Monitoring System	Registration number:2019SR0053414
Mining Crushing Intelligent Dust Reduction System	Registration number:2018SR1078342
Waste Crushing Intelligent Dust Reduction System	Registration number:2019SR0053423
Intelligent Monitoring System for Waste Crushing Production Line	Registration number:2019SR0072410





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

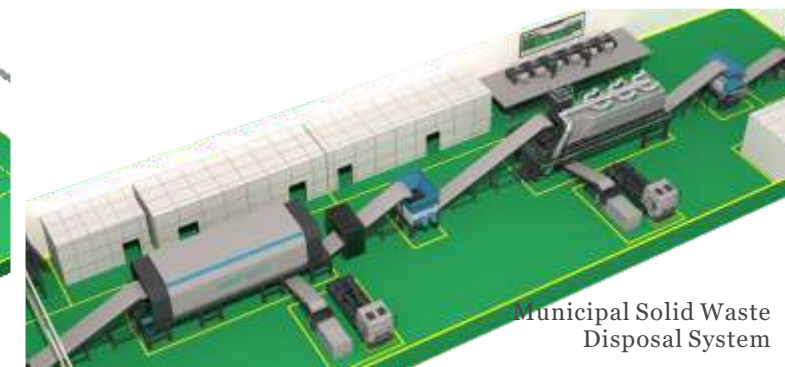
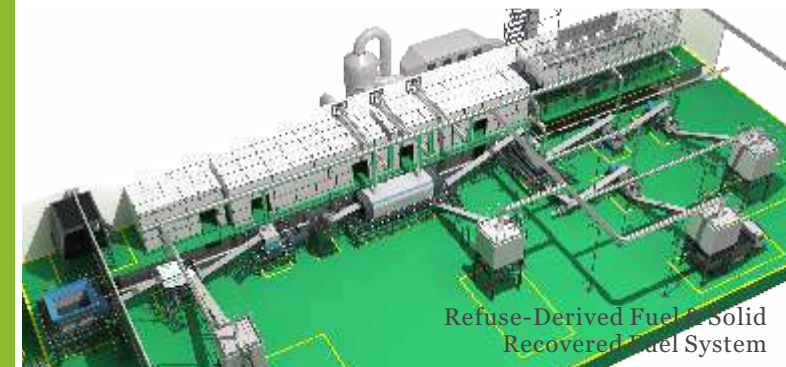
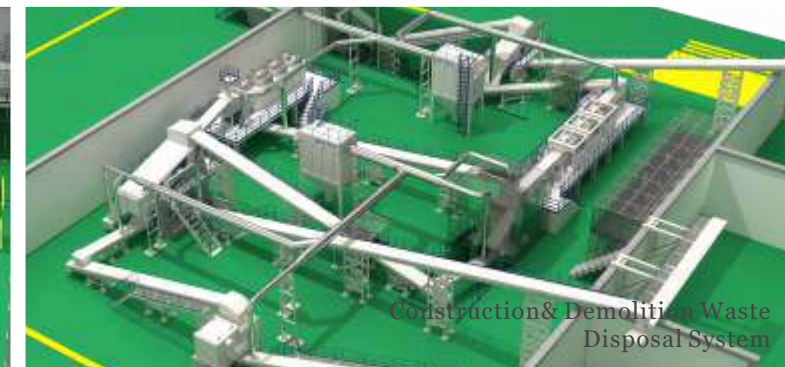
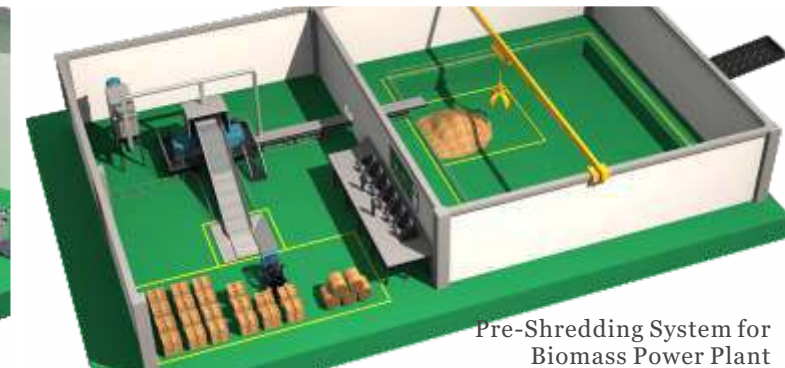
12

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



GSD Double Shaft Fine Shredder

## INTELLIGENT SOLID WASTE DISPOSAL SOLUTION PROVIDER AND EQUIPMENT MANUFACTURER



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