

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

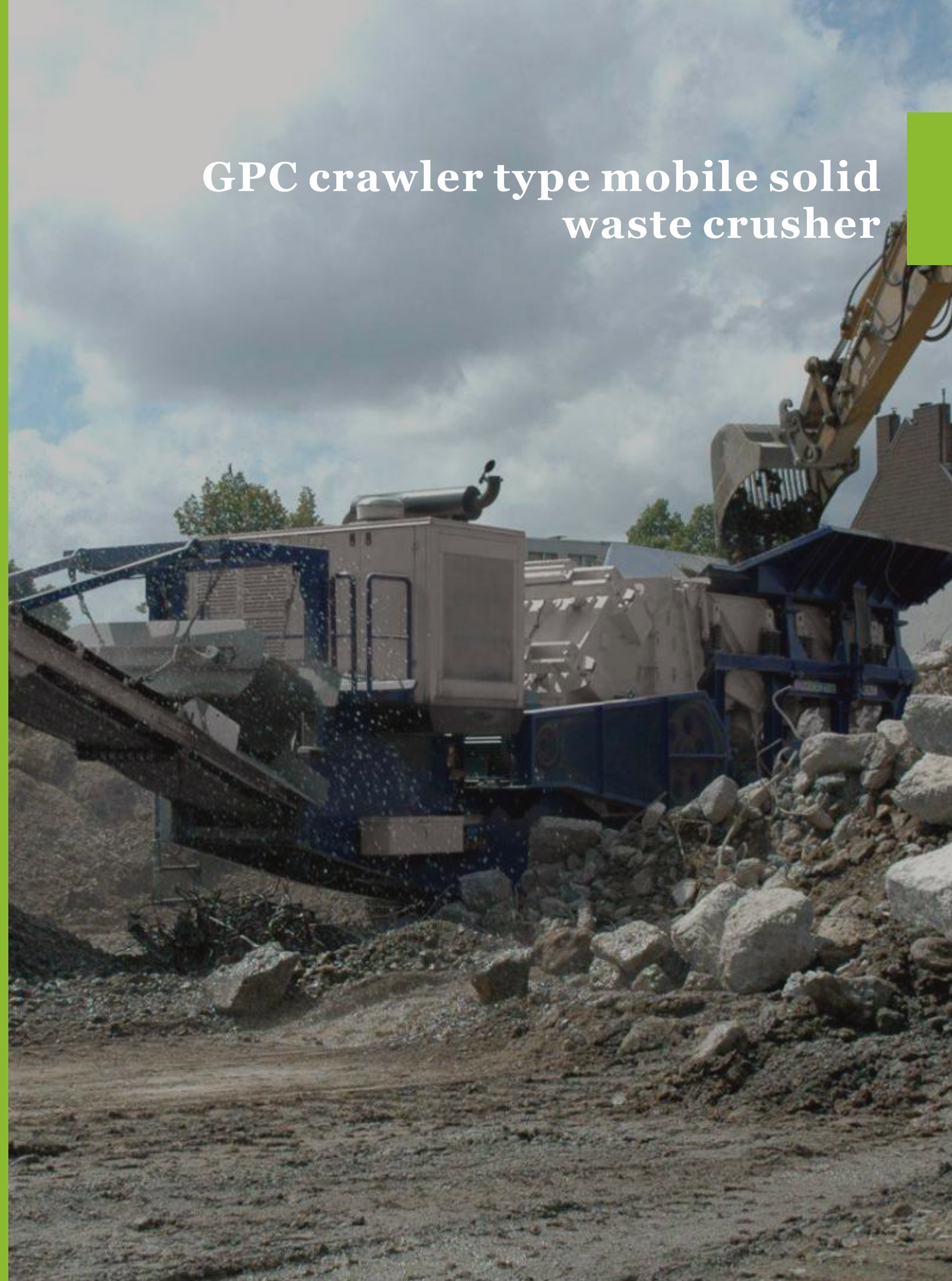
GPC crawler type mobile
solid waste crusher



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

GPC crawler type mobile solid waste crusher



R & D BACKGROUND

In the pursuit of high efficiency, high capacity and high stability, GPC crawler type mobile solid waste crusher provides a new choice for waste disposal companies. With the heavy-duty crawler chassis, it can easily reach narrow and complicated areas or climbing slopes; the highly integrated modular design and reasonable space layout, the crawler walking module, power module, feeding module, crushing module, screening module, belt conveying module, electrical control module and other modules are well matched to achieve feeding, crushing, screening and conveying functions in one machine; the low operating cost comes from the low wear and tear, long maintenance interval and short maintenance time.

» Working principle

When the mobile crushing plant is moving, the power system provides power through the hydraulic electric control system to drive the crawler chassis to walk; when it is installed, the power system drives the hydraulic cylinder and other actions through the hydraulic electric control system to complete the installation of the equipment automatically; when it is working, the power system drives and controls the main machine and auxiliary equipment through the hydraulic electric control system, and the materials enter the main machine from the silo which is mounted on the crawler chassis and frame to crush or after screening, the material is discharged through the integrated belt conveyor.



» Equipment composition

Crawler frame, feeding equipment, crushing equipment, conveying equipment, magnetic separation equipment, GI intelligent monitoring system (optional), intelligent dust reduction monitoring system (optional)



Product Highlights



01/

» Powerful and flexible

- It adopts CAT or Cummins diesel engine with strong power and low fuel consumption; the heavy-duty crawler chassis design can drive flexibly in multiple terrains and can quickly enter the first site of waste disposal without infrastructure and transportation, saving time and cost.



02/

» Modular design, compact structure

- Adopt highly integrated modular design, compact structure and reasonable layout. Crawler walking module, power module, feeding module, crushing module, belt conveying module, screening module, electrical control module and other modules with mature technology and tacit matching.



03/

» Multiple configurations, various combinations

- It can be flexibly configured with coarse, medium and fine crushing equipment to meet the different needs of customers for finished materials, and can also be customized to carry feeding, conveying, magnetic separation, intelligent control and dust reduction equipment; it can either operate independently or form a powerful crushing operation production line.



04/

» Mature equipment, stable and durable

- All the core crushing equipment on the frame are made of GEP's mature and stable products, carefully built with high-quality materials, heat treatment and other processes, high mechanical strength and processing precision, made by GEP, will produce extraordinary products.



SHARING THE
| GREEN TECHNOLOGY |
共享绿色科技

Technical Parameters



Model	GPC-J6	GPC-J7	GPC-J8	GPC-J10
GEC Jaw Crusher				
Model	J6	J7	J8	J10
Feed Opening (mm)	600x1060	760x1000	850x1150	1070x1400
Max Feeding Size (mm)	500	630	720	950
Discharge Range (mm)	60-175	70-200	70-220	100-250
Capacity (t/h)	280	400	500	800
Transport Dimensions				
Length (mm)	12600	14600	16000	16000
Width (mm)	2760	2850	3200	3500
Height (mm)	3460	3900	3800	3900
Weight (t)	39	48	65	115



Model	GPC-PH10	GPC-PH14
GEF Impact Crusher		
Model	AP-PH-A1010	AP-PH-A1414
Feed opening (mm)	810x1030	1025x1360
Max Feeding Size (mm)	800	1000
Capacity (t/h)	250	480
Drive Mode	Diesel – Direct	Diesel – Direct
Transport Dimensions		
Length (mm)	13300	17000
Width (mm)	3350	3730
Height (mm)	3776	4000
Weight (t)	43	70



INTELLIGENT SOLID WASTE DISPOSAL SOLUTION PROVIDER AND EQUIPMENT MANUFACTURER

NATIONAL PATENT



A 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 system	Registration number: 2019SR0067379
Crusher Intelligent Monitoring System	Registration number: 2019SR0072287
Crushing Line Intelligent Monitoring System	Registration number: 2019SR0053414
Mine crushing intelligent dust reduction system	Registration number: 2018SR1078342
Crushing Intelligent Dust Reduction System	Registration number: 2019SR0053423
Waste crushing line intelligent monitoring system	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

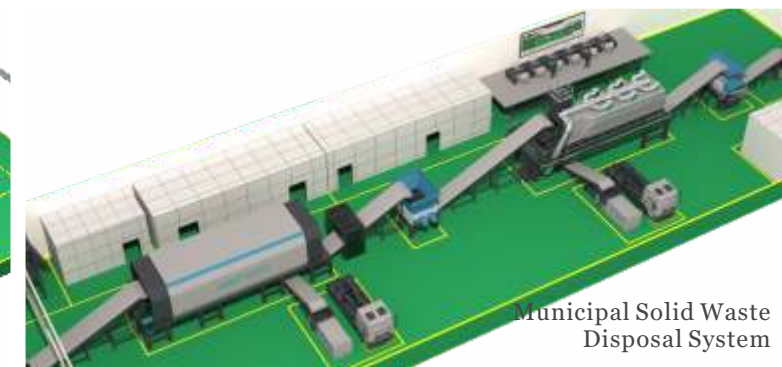
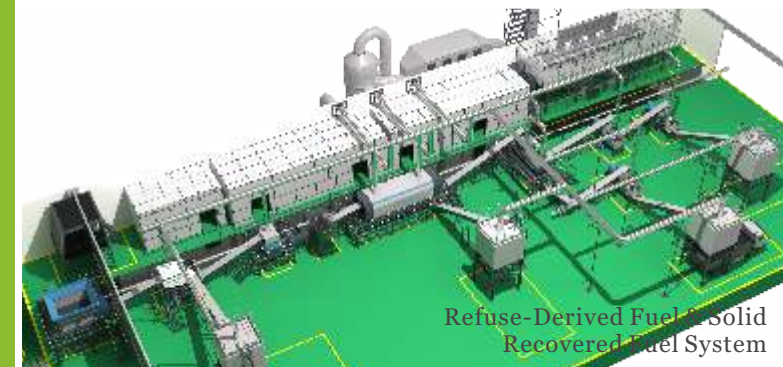
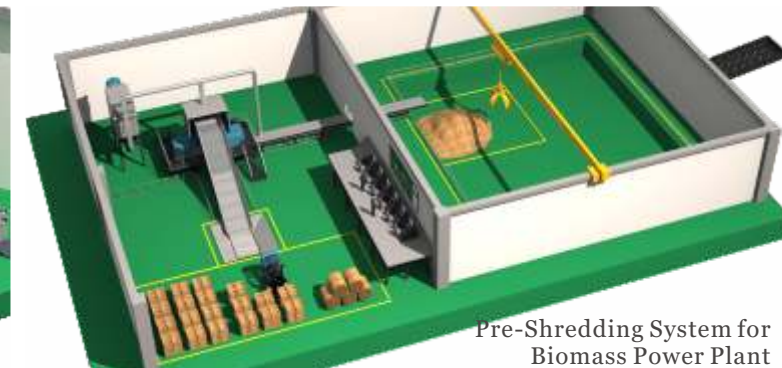
12

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

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