

SHARING THE GREEN TECHNOLOGY



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](http://www.gephb.com)  
英文官网: [www.gepecotech.com](http://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

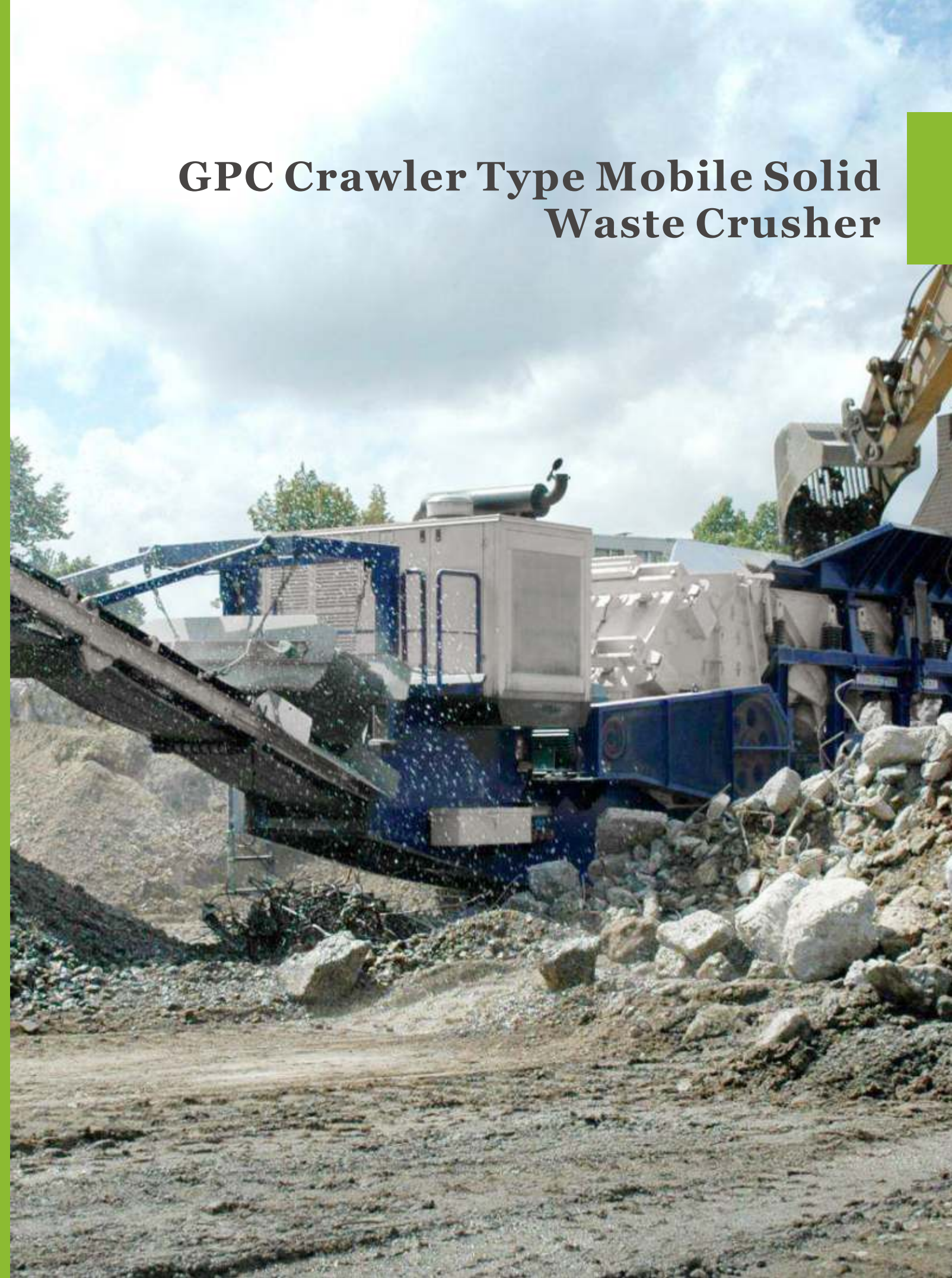




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## GPC Crawler Type Mobile Solid Waste Crusher



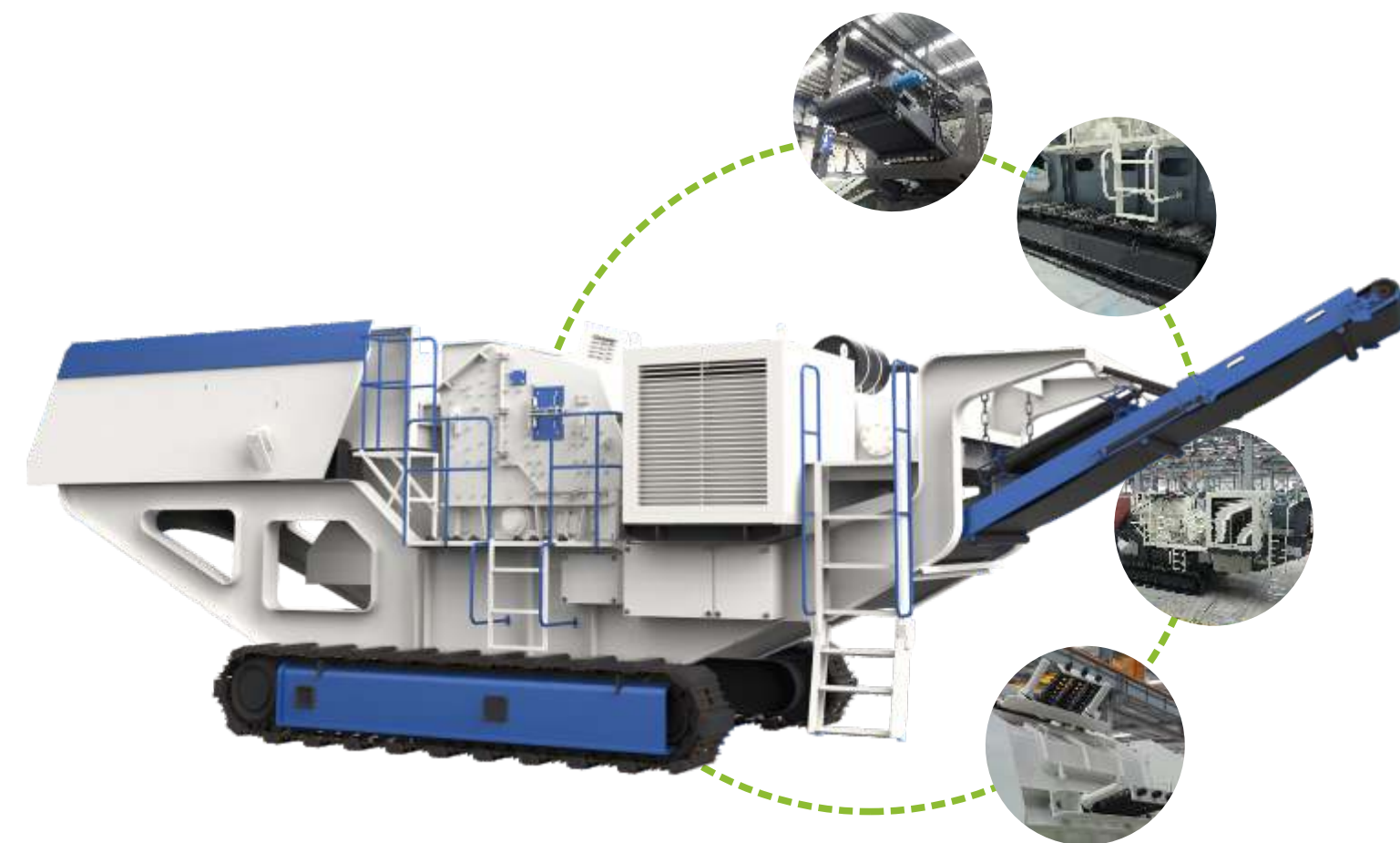


## PRODUCT DESCRIPTION

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**

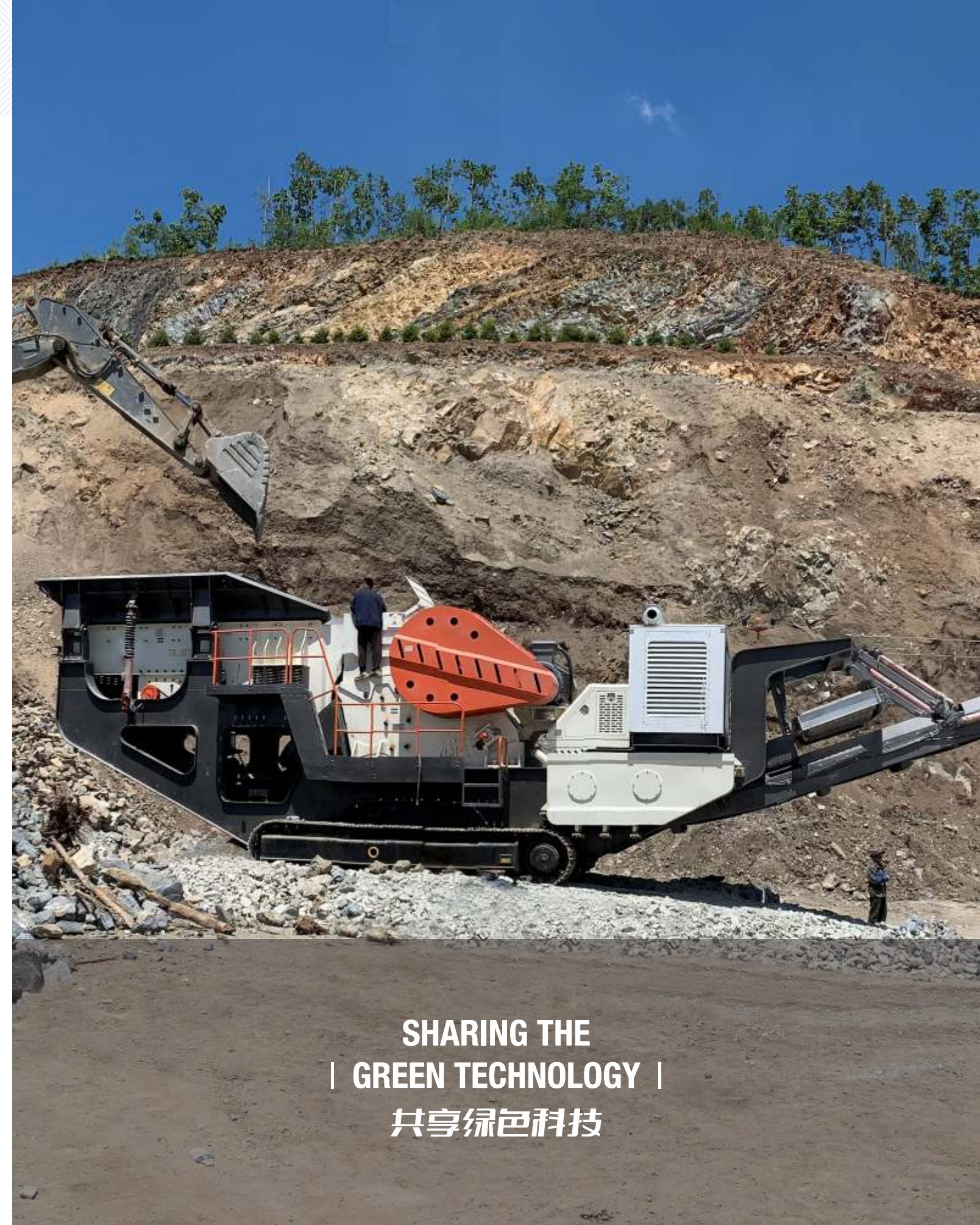
- It can be flexibly configured with coarse, medium and fine crushing equipment to meet the different needs of customers for finished materials, and can also be customized to carry feeding, conveying, magnetic separation, intelligent control and dust reduction equipment; it can either operate independently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



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共享绿色科技



# Technical Parameters



Model	GPC-J6	GPC-J7	GPC-J8	GPC-J10
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
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



Jaw Crusher	Patent No.: ZL 2017 1 0380803.8
A Dust Collection Device for Jaw Crusher	Patent No.: ZL 2022 2 0329466.6
An Opening Adjustment Structure for Jaw Crusher	Patent No.: ZL 2021 2 3310497.1
A Main Shaft Sealing Cover for Jaw Crusher	Patent No.: ZL 2021 2 3243876.3
A Frame for Jaw Crusher	Patent No.: ZL 2021 2 3247240.6
A Plate Hammer Structure for Impact Crusher	Patent No.: ZL 2021 2 3310499.0

## 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





## 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

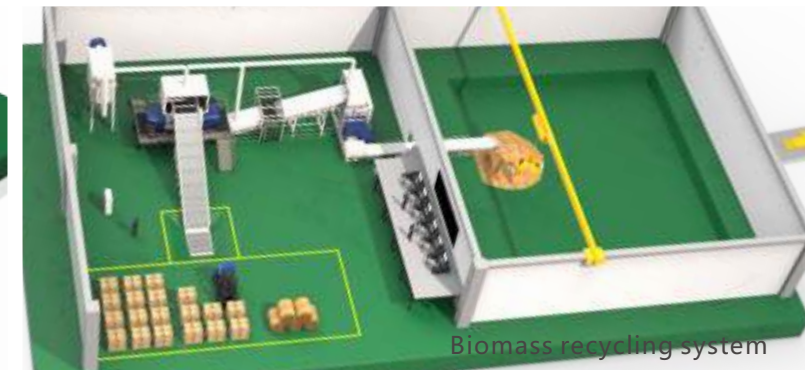
365

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 Pelletizing Mill



Wind Sifter