

SHARING THE GREEN TECHNOLOGY

ZL 2020 1 0555606.7
ZL 2020 2 1124689.6
ZL 2019 2 0154368.1



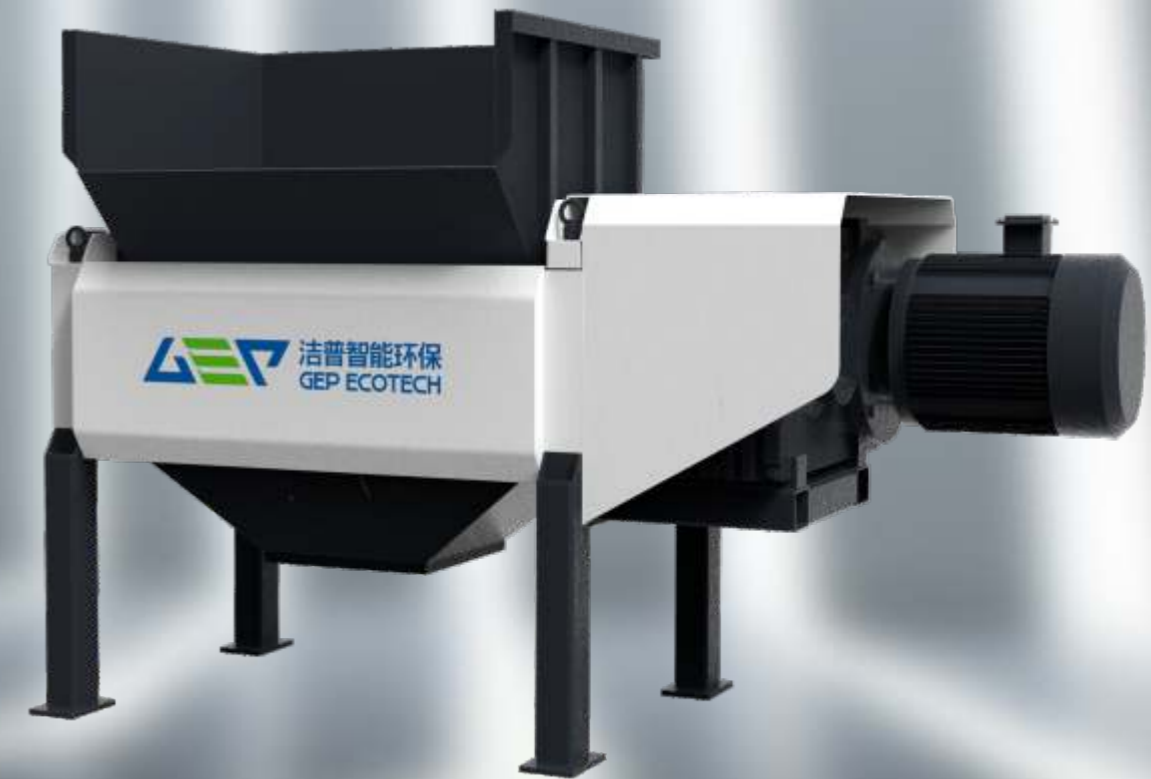
Patented Products



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

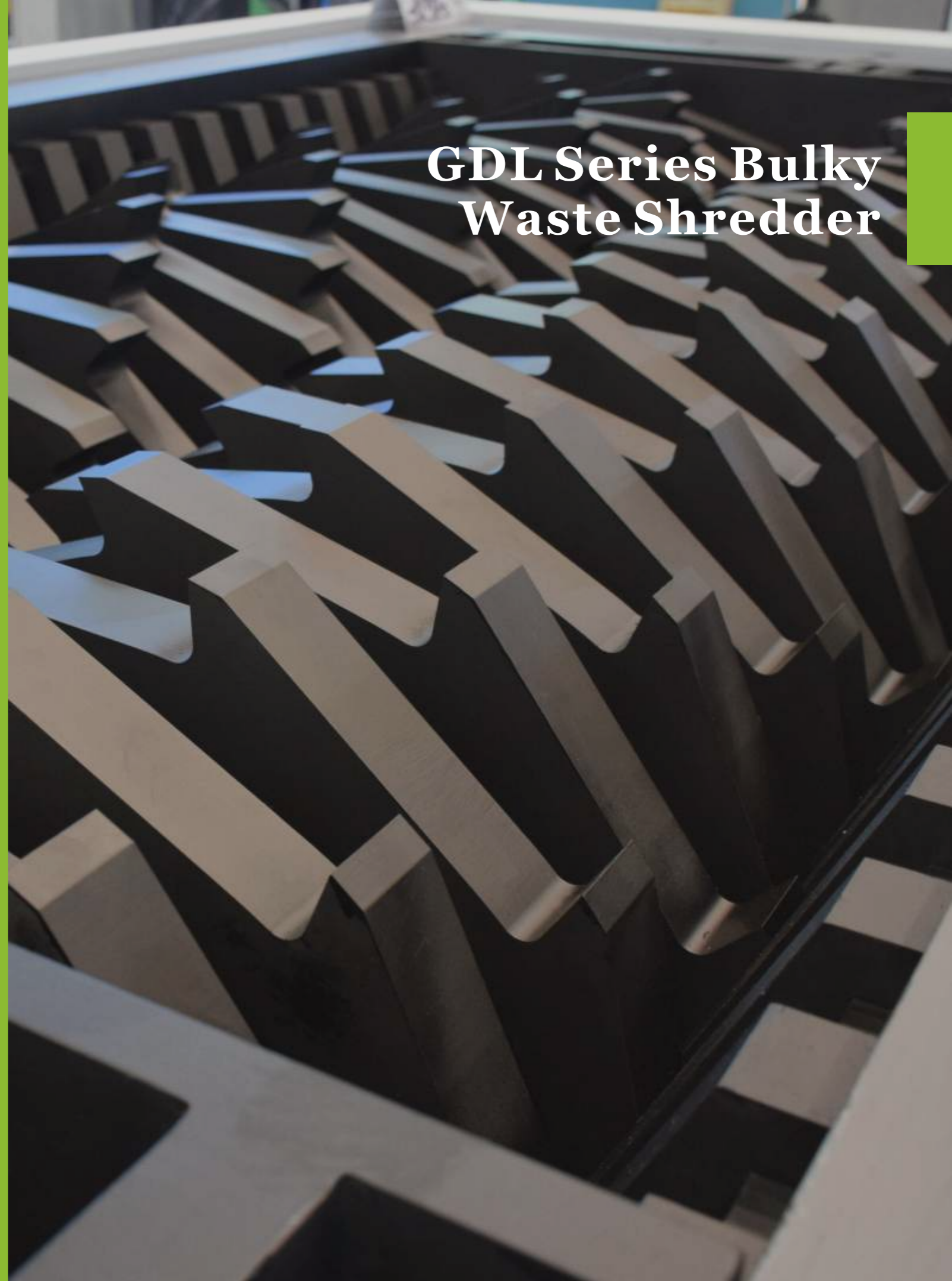
**GDF Series Food Waste
Shredder**



Contents

GDL Series Bulky Waste Shredder

- 01 / 02 ● R & D Background
- 03 / 06 ● Product Highlights
- 07 / 08 ● Technical Parameters
- 09 / 10 ● National Patent, Software Copyright
- 11 / 12 ● Model Projects
- 13 / 14 ● Digital GEP Ecotech
- 15 / 16 ● Worry-free Service, Service Sectors
- 17 / 18 ● Products Family



R & D BACKGROUND

Food waste is a mixture of oil, water, vegetables, fruit peelings, meat, rice and noodles, soup and waste tableware, plastic and paper towels, etc., generated by the daily life of residents or by the production activities of the catering industry, and accounts for approximately 60% of current household waste. Food waste is rich in organic matter, has a high moisture content and is prone to decay. If not treated in time, its odor and properties can have a bad effect on the surrounding environment. The GDF series of food waste shredders developed independently by GEP are equipped with corrosion-resistant and highly wear-resistant compatible food waste special cutters, which are highly adaptable to the material, have good shredding effect and high sealing capacity, and can directly shred wet waste with high moisture content.

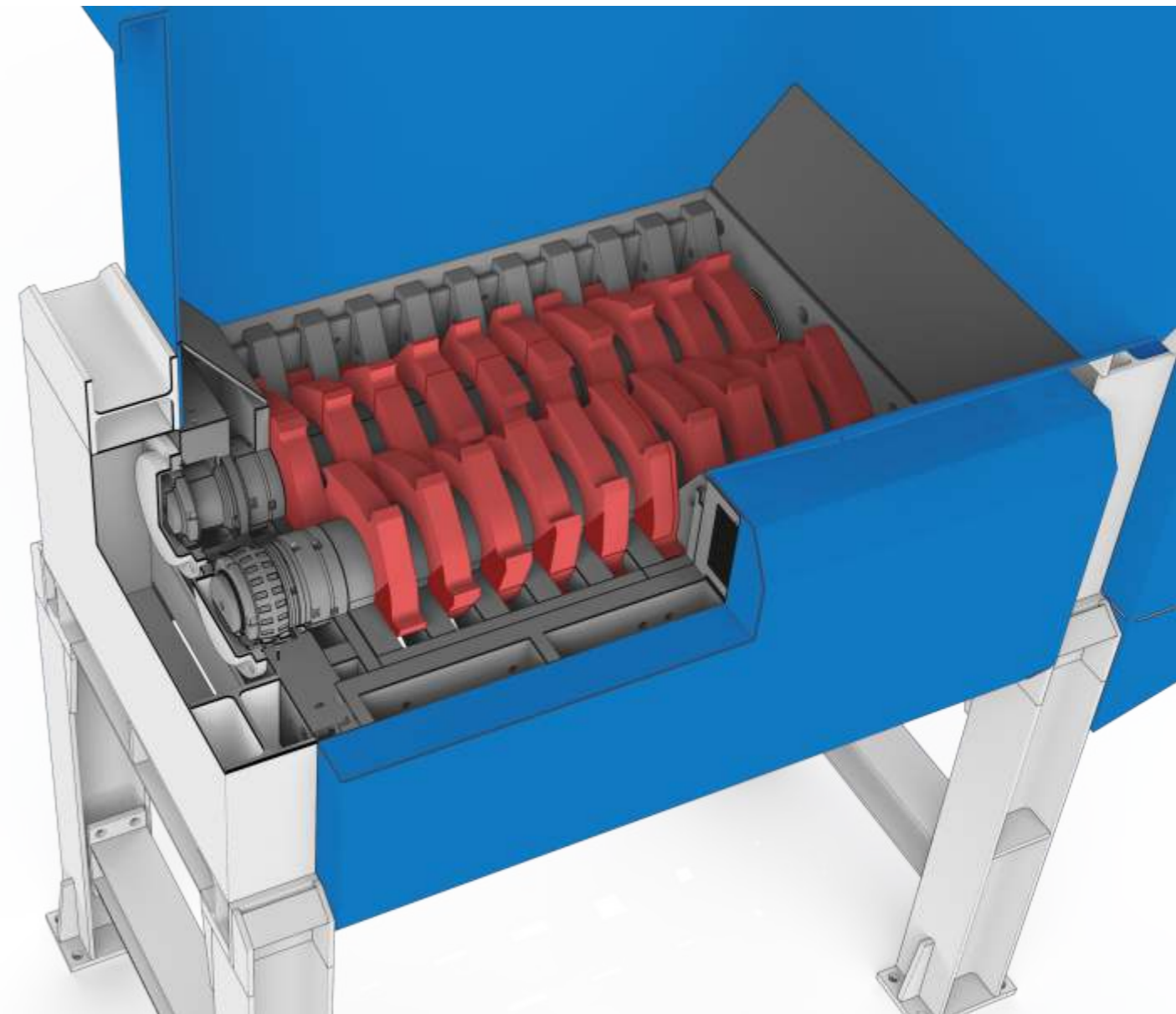


»» Equipment composition

Main machine (including motor and reducer), frame platform, feeding hopper section, electrical control cabinet, automatic lubrication section, GI intelligent monitoring system (optional), intelligent dust reduction monitoring system (optional)

»» Working principle

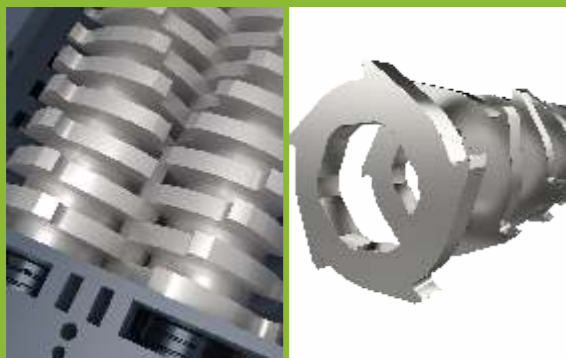
The food waste shredder uses a single motor + reducer to drive the cutter shaft, and through the shearing action of the adjacent moving cutter blade and the tearing action of the moving cutter teeth, the shredder is able to reduce the volume and quantity of food waste with complex composition.



Product Highlights

PRODUCT HIGHLIGHTS

产品亮点



01/

» Intelligent monitoring system

- The GI intelligent system is powerful enough to enable real-time monitoring, abnormal alarms, remote diagnosis and data analysis for intelligent operation and maintenance.
- Intelligent centralized control system with human-machine interface for more time-saving, labor-saving and trouble-free operation on site



01/

» Anti-winding fixed cutters

- The unique anti-winding fixed cutter is ideal for handling food waste with mixed components, effectively solving the problem of wrapped material entanglement, improving material shredding efficiency and ensuring stable operation of the equipment.
- The fixed cutter is made of high-strength wear-resistant steel plate, which significantly increases the wear resistance and service life; single installation, group fixing, strong interchangeability, easy to replace and maintenance.



03/

» High performance shafts and cutters

- The main shaft and cutters are made of high-strength alloy steel and refined through multiple processes, providing high wear resistance and long service life.
- The main shaft is linked by German standard splines, with a high transmission torque, no relative sliding of the parts mounted on it, a large total contact area, which allows it to withstand a large load and a uniform force when connected.



04/

» Automatic lubrication system

- Equipped with automatic bearing lubrication system, reducing human intervention in the equipment, improving stability and saving production management costs.
- Multiple combination seals protect the imported bearings from complex materials, waterproof, dustproof and dirt-proof, allowing direct shredding of wet waste with high moisture content.

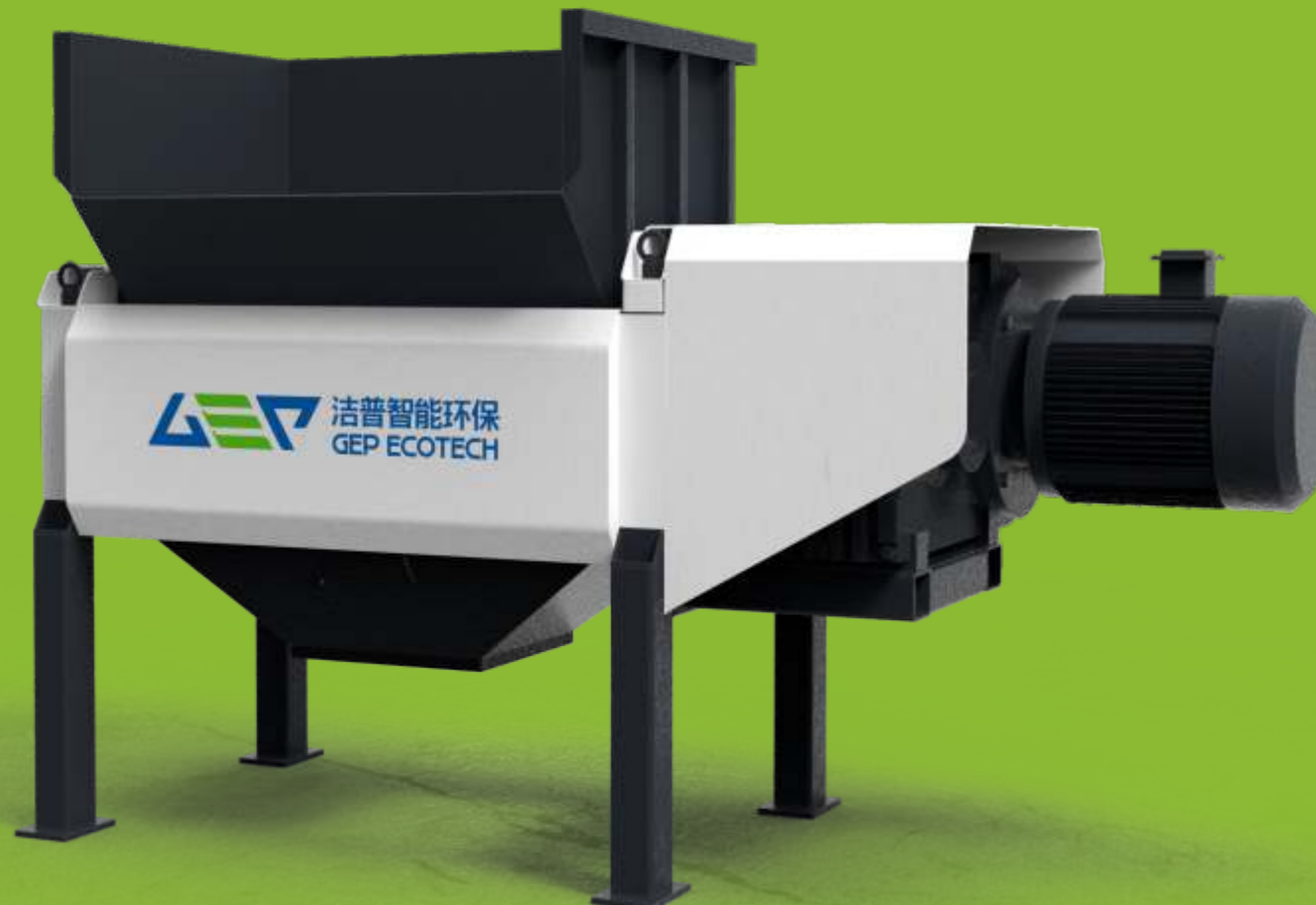




Technical Parameters

Model	Capacity(t/h)	Discharge size(mm)	Dimension(mm)
GDF5	2-8	30-200	2100×1000×1900
GDF5P	3-10	30-200	2500×1000×2000
GDF6S	5-15	30-200	3000×1100×2200
GDF6	8-20	30-200	3100×1200×2500
GDF8	15-30	30-200	4300×3200×3200
GDF9	20-50	30-200	5400×3200×3300

SHARING THE
| GREEN TECHNOLOGY |
共享绿色科技



NATIONAL PATENT



A kind of food waste shredder cutters and food waste shredder	Patent No.:ZL 2020 1 0555606.7
A food waste shredder cutter and food waste shredder Patent	Patent No.:ZL 2020 2 1124689.6
Double-shaft shredder	Patent No.:ZL 2020 1 1009400.0
Shredder and its chamber	Patent No.:ZL 2017 2 1351290.X
A shredder's chamber and a shredder having such a chamber Patent	Patent No.:ZL 2017 2 1351102.3
A split cutter structure for shredder cutting chamber	Patent No.:ZL 2019 2 0154368.1

SOFTWARE COPYRIGHT



Waste Shredding Intelligent Dust Reduction System	Registration number: 2019SR0053423
Crusher Operation Self-Diagnosis System	Registration number: 2019SR0071856
Crusher Operation and Maintenance Monitoring System	Registration number: 2019SR0067379
Crusher Intelligent Monitoring System	Registration number: 2019SR0072287
Shredder Monitoring System	Registration number: 2019SR0071791
Automatic Shredder Spindle Cooling Control System	Registration number: 2019SR0072440
Shredder Self-Diagnostic Analysis System	Registration number: 2019SR0067377

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

Model Projects

MODEL PROJECTS
样板项目





高效智能环保装备制造基地



DIGITAL GEP ECOTECH 数字洁普

2007

洁普集团始创于2007年，以资源循环利用为己任，致力于智能固废破碎设备及其配套设备的研发、生产、销售和服务，并提供专业化、定制化的固废生产线系统解决方案。砥砺前行十余载，洁普的业务版图已覆盖全球数十个国家和地区，成为固废领域不容小觑的中坚力量。

35000

位于原阳县产业集聚区的高效智能环保装备制造基地总投资5亿元，总占地面积100亩，总建筑面积35000㎡，年产400台(套)高效智能环保装备，年产值突破5亿大关。拥有数控线切割机床、数控车床、立式加工中心、数控龙门加工中心等百余套精密加工设备。

100+

公司现已获评高新技术企业、AAA级信用等级企业、省市两级固体废弃物资源循环利用设备工程技术研究中心等企业奖项，取得75项国家专利和15项软件著作权，顺利通过ISO三体系认证(质量、环境、职业健康)和欧盟CE认证。

8

洁普深耕大件垃圾处置、生物质燃料预破碎、厨余垃圾综合处置、工业垃圾综合处置、废旧轮胎再生处置、楼式危废破碎、生活垃圾破碎分选、建筑&装修垃圾处置8大领域，经验丰富，装备精良，服务到位。



WORRY-FREE SERVICE 无忧服务

我们承诺：

我们的服务致力于将客户所购产品发挥出应有效能
客户在购买产品的同时，也购买了覆盖产品全生命周期的服务

30

30分钟内给予技术咨询答复

24

24小时内完成工程师派遣

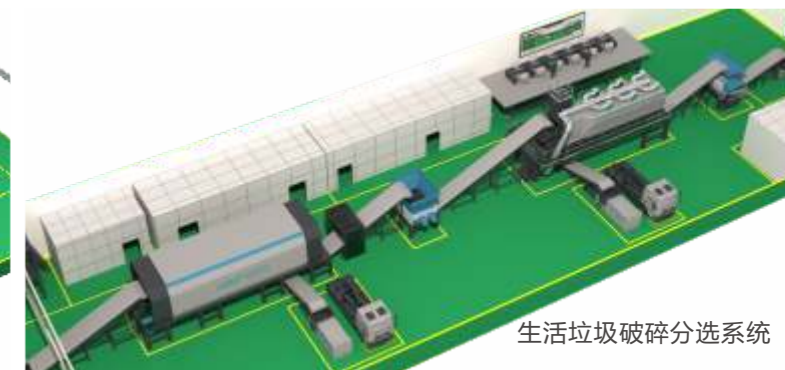
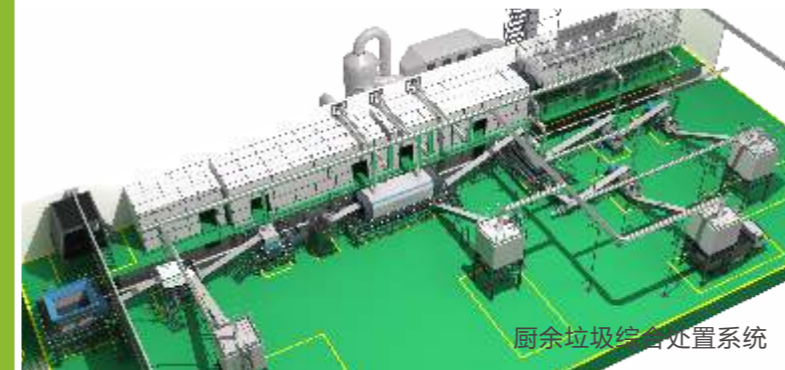
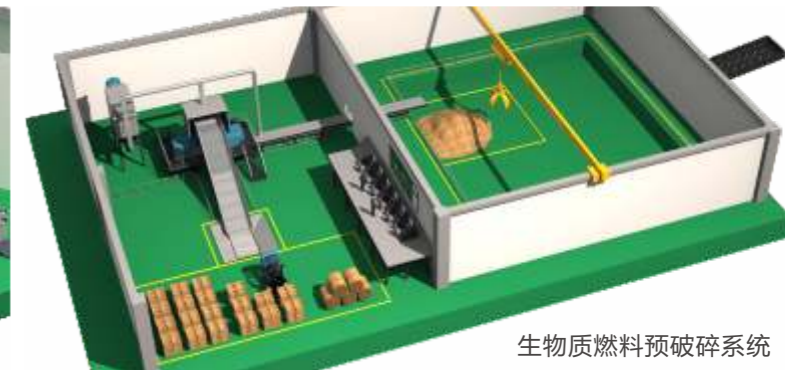
12

质保期12个月内免费维修

365

365天全年无休接受服务请求

SERVICE SECTORS 服务领域





GDL双轴大件垃圾破碎机



GDF双轴厨余垃圾破碎机



GDI双轴工业垃圾破碎机



GDT双轴轮胎破碎机



GC粗破碎机



GF四轴破碎机



GSX平推单辊细破



GSS欧版单辊细破



GDB双轴生物质破碎机

智能固废破碎设备 及整线系统解决方案供应商

PRODUCT FAMILY



GSD双辊细破碎机



GEC颞式破碎机



GEF反击式破碎机



GEV制砂机



GPW轮胎固废移动破碎站



GPC履带固废移动破碎站



GESC池张筛



GTS滚筒筛



GFX风选机