



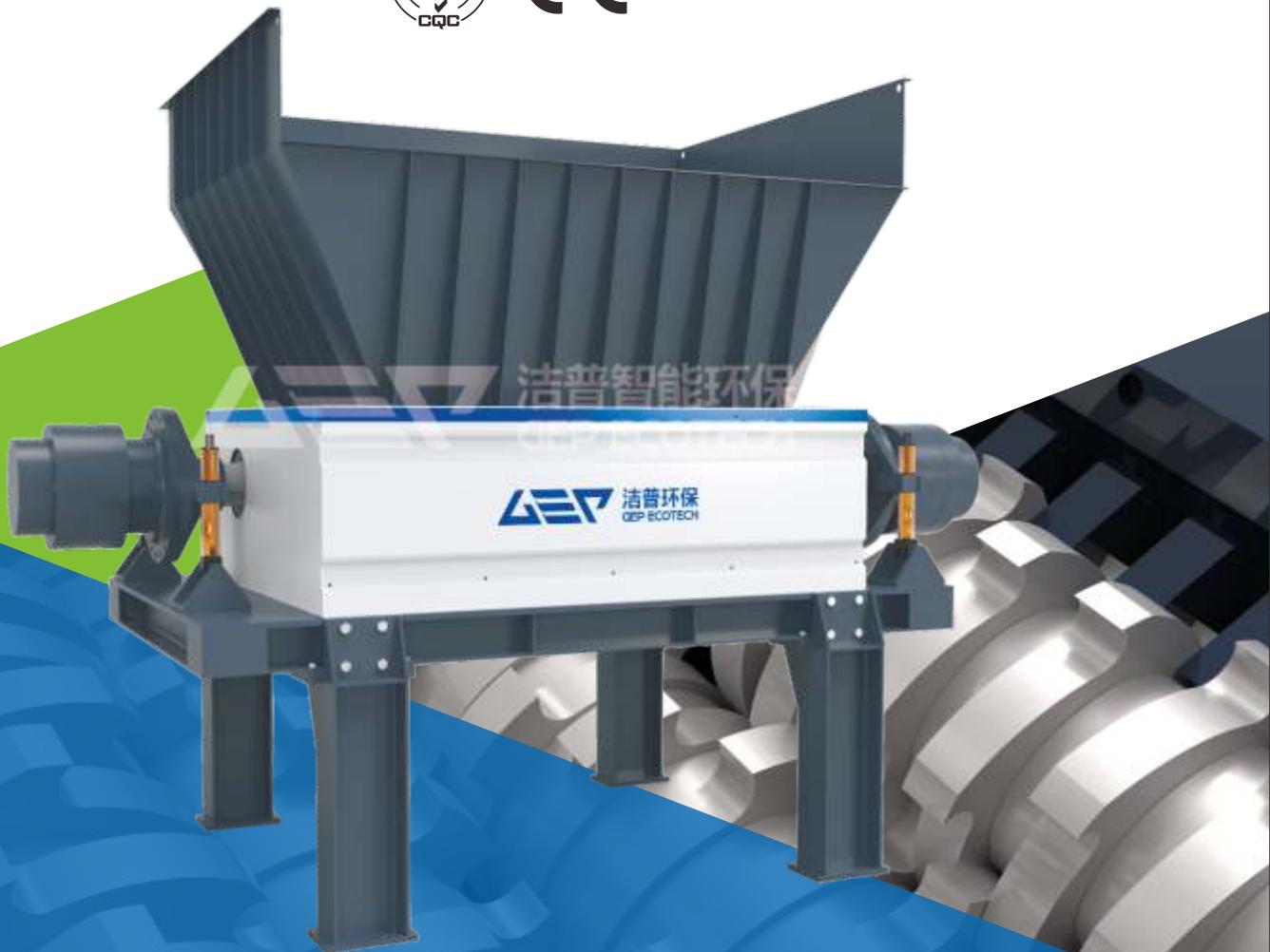
GEP ECOTECH

GH SERIES

DOUBLE-SHAFT SHEARING TYPE SHREDDER



CE



GEP ECOTECH CO.,LTD

GH SERIES DOUBLE-SHAFT SHEARING TYPE SHREDDER



APPLICATION AREAS:

Waste Incineration Power Plant
Tire shredding and recycling field
Solid (Hazardous) shredding-Mix - Pumping system
Electronic Waste Crushing and Recovery System
Fragmentation

Biomass fuel pretreatment
Various industrial wastes
Hazardous Waste Disposal Plant shredding System
RDF (Waste Derivative Fuel)

PRODUCT INTRODUCTION:

GH series double-shaft shearing type shredder is driven by hydraulic system. The two rotors are driven directly by low-speed and high-torque dual-hydraulic motors. The material is shredded by the principle of shearing and tearing between two relatively rotating cutters on the rotors, which has good crushing effect on hard and soft materials. It has good stability, low noise and high automation. Compared with the traditional two-shaft shredding equipment, the equipment has the advantages of less noise, stable performance, high efficiency and energy saving.

PRODUCT ADVANTAGES

1. GI patented intelligent technology, remote monitoring and diagnosis

GI intelligent technology is used to control and monitor the whole production process in real time, real-time on-line running state monitoring and centralized control, and the running data are provided to the central control center in time. The functions of automatic memory, data analysis, fault prediction, alarm shutdown, linkage control and intelligent maintenance are realized by remote diagnosis and control of production line through mobile phone APP or computer terminal, so as to form an effective early warning mechanism which can effectively reduce equipment failure rate and maintenance time, reduce maintenance and operation costs, and greatly improve the operation efficiency of the production line.

2. Imported hydraulic motor with low speed and large torque

Imported, low speed, high torque hydraulic motor is used to drive directly, and the hydraulic motor is directly connected with the cutter shaft of crusher to improve the transmission efficiency. The hydraulic system is equipped with imported hydraulic pumps and valves, and has strong power output, which ensures the efficient and stable operation of the hydraulic system.

3. Independent removable fixed cutters, strong wear resistance

Each fixed cutter can be disassembled and installed independently, and can be quickly disassembled in a short time, which greatly reduces the workload of workers and improves the continuity of production.

4. Unique cutter design for easy maintenance and replacement

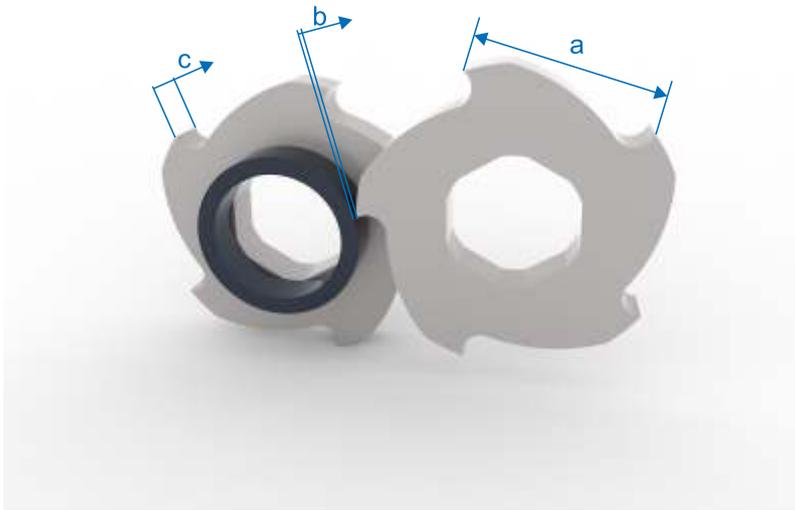
Cutters are made of imported alloy steel, which has long service life and good interchangeability, and is convenient for maintenance and replacement.

5. The spindle has high strength, strong wear resistance and impact resistance.

The main shaft is made of high strength alloy steel. After many times of heat treatment and high precision processing, it has good mechanical strength, strong wear resistance and impact resistance, and long service life.

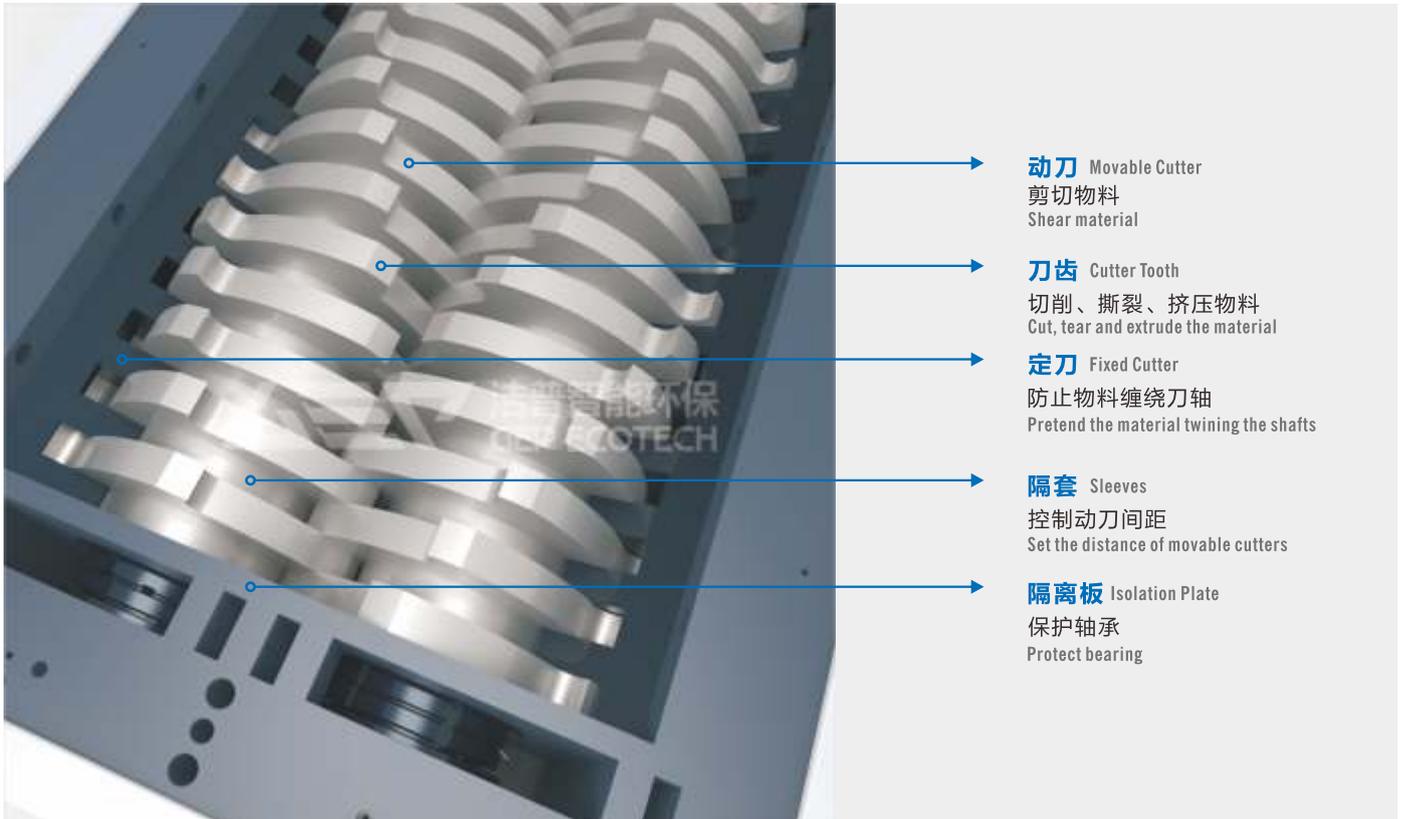
6. Imported bearing, multi-combined seals

Imported bearings and multiple combined seals are adopted, which have high load resistance, long service life, dust-proof, waterproof and pollution-proof, and ensure the continuous and stable operation of the machine.



FACTORS AFFECTING THE OUTPUT SIZE

- 1: Distance between cutter tooth (a) on the cutter and quantity of the cutter tooth.
- 2: Distance between the head of cutter tooth and another sleeve (b)
- 3: Thickness and shape of cutters (c)



MAIN COMPONENTS



TECHNICALPARAMETER

Model	Power (kW)	Shredding chamber size (mm)	Weight (t)	Dimension (mm)
GH8	110	850x1200	14.2	3200x1700x3100
GH9	160	950x1600	16.3	3500x1800x3170
GH10	200	1050x1800	19.5	3800x1900x3260
GH12	260	1200x2000	21.5	4000x2200x3600
GH13	300	1300x2000	22.8	4000x2200x3650
GH15	320	1500x2000	27.2	4300x2400x3850

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