GD SERIES
DOUBLE-SHAFT SHEARING TYPE SHREDDER

GEP ECOTECH CO., LTD
GD SERIES DOUBLE-SHAFT SHEARING TYPE SHREDDER

PRODUCT INTRODUCTION:
GD series double-shaft shearing crusher uses the principle of shearing and tearing between two relatively rotating cutters to crush materials. Using “double motor + double planetary reducer”, the power is strong and the operation stability is high. It is often used in environmental protection fields such as municipal solid waste disposal, resource regeneration, waste incineration pretreatment and so on. The equipment has the characteristics of low speed, large torque, large shearing force, good tearing effect, low noise and good stability.

APPLICATION AREAS:
- Bulky waste
- Industrial waste
- E-waste
- Plastic waste
- Metal waste
- Waste tires
- Paper mill waste (ragger waste)
- Comprehensive biomass waste
- Plastic drum
- Leather/fabric waste
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 online 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. Integral shredding chamber design, stable and reliable

The integral shredding chamber, annealed after welding, ensures better mechanical strength. At the same time, processing by CNC machining center ensures higher processing accuracy, prolongs the service life of equipment and saves maintenance costs.

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)
<table>
<thead>
<tr>
<th>Model</th>
<th>Power (kW)</th>
<th>Shredding chamber size (mm)</th>
<th>Weight (t)</th>
<th>Dimension (mm)</th>
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<tbody>
<tr>
<td>GD6</td>
<td>37x2</td>
<td>650x1200</td>
<td>7.2</td>
<td>4000x2268x2685</td>
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