



## Shredder Technical Parameters

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                   | Guangjun500mmDouble Shaft Shredder                                                                                                                                                        |
| Overall Dimension       | 3000*1200*1900 (L*W*H) Unit: mm                                                                                                                                                           |
| Crushing Size           | 500*600 (L*W) Unit: mm                                                                                                                                                                    |
| Electric control System | PLC and automatic reverse and overload protection                                                                                                                                         |
| Drive System            | Motor and Gearbox                                                                                                                                                                         |
| Gearbox Model           | K157                                                                                                                                                                                      |
| Motor Power             | 22kW-4, double motors                                                                                                                                                                     |
| Frame Structure         | 100*100*5 (W*H*T) Unit: mm                                                                                                                                                                |
| Blade Material          | H13                                                                                                                                                                                       |
| Number of Rotary Blades | 20pcs                                                                                                                                                                                     |
| Rotary Blades Diameter  | Ø 300mm                                                                                                                                                                                   |
| Rotary Blades Thickness | 25mm                                                                                                                                                                                      |
| Spacers                 | 20pcs                                                                                                                                                                                     |
| Rotational Speed        | 11r/min                                                                                                                                                                                   |
| Rotor Shaft             | Ø 140mm; L500mm                                                                                                                                                                           |
| Rotor Shaft Material    | 45#                                                                                                                                                                                       |
| Discharge Particle Size | 25-35mm                                                                                                                                                                                   |
| Capacity                | 0.5-1.2t/h                                                                                                                                                                                |
| Applicable Materials    | Plastic film, woven bags, plastic bottles, plastic drums, plastic lumps, rubber scraps, waste paper, cartons, wood, fiber, non-woven fabric, industrial waste and domestic solid waste... |



## **Double Shaft Shredder – Key Features**

Guangjun Double Shaft Shredder is designed for compact, efficient shredding of small to medium waste, and performs differently from single-shaft shredders in the same model range.

### **1. Compact & Efficient**

Suitable for small and medium-sized materials such as plastic, film, woven bags, wood waste, paper, cardboard, rubber and general industrial waste. With medium-low speed and medium-high torque, it offers stable shearing and better shredding performance than equivalent single-shaft shredders.

### **2. Anti-winding & Anti-jamming**

With overload protection and automatic reverse function, it effectively avoids shaft winding and material jamming for stable operation.

### **3. Uniform Discharge**

Optimized cutter spacing and optional screen ensure even particle size and consistent output, ideal for precise small-batch recycling.

### **4. Stable & Durable**

Solid rigid body and wear-resistant alloy blades ensure smooth running, low noise and long service life.

### **5. Easy Operation & Maintenance**

Simple control system and compact structure make operation and maintenance easy, saving labor and time.

### **6. Wide Application**

Widely used in small and medium recycling stations, production lines, packaging plants, woodworking shops, printing plants and resource recycling centers.

**Ideal for:** Small and medium-sized recycling enterprises, manufacturing factories with internal waste treatment, small resource recycling stations, and commercial waste treatment units.