



Shredder Technical Parameters

Model	Guangjun500mmDouble Shaft Shredder
Overall Dimension	1400*650*1680 (L*W*H) Unit: mm
Crushing Size	500*400 (L*W) Unit: mm
Electric control System	PLC and automatic reverse and overload protection
Drive System	Motor and Gearbox
Gearbox Model	K97
Motor Power	7.5kW-4, single motor
Frame Structure	100*100*3.75 (W*H*T) Unit: mm
Blade Material	H13
Number of Rotary Blades	25pcs
Rotary Blades Diameter	Ø 180mm
Rotary Blades Thickness	20mm
Spacers	25pcs
Rotational Speed	17r/min
Rotor Shaft	Ø 70mm; L500mm
Rotor Shaft Material	45#
Discharge Particle Size	20-30mm
Capacity	120-260kg/h
Applicable Materials	Plastic film, woven bags, plastic bottles, plastic barrels, plastic lumps, rubber scraps, waste paper, cartons, non-woven fabric, fiber, wood chips ...



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.