

YUEDU YD-SSJDZ1500 Single Shaft Shredder

Figure 1 **Product image: for reference**



Figure 2 **Rotor and Screen**



Advantages of YUEDU Single Shaft Shredder

- 1): The knife holders and blades on the rotor are detachable, making cleaning, maintenance, servicing, and replacement convenient.
- 2): The rotating blades adopt a “V-shaped” installation, ensuring uniform cutting during operation, reducing energy consumption and noise.
- 3): Each rotating blade has 4 cutting edges and can be rotated 90° after wear for continued use.
- 4): Each fixed blade has 2 cutting edges and can be rotated 180° after wear for reuse.
- 5): The main shaft is driven by a gear reducer, ensuring stable operation, low noise, high torque, and energy efficiency.
- 6): Hydraulic pushing system with an independent power unit, featuring strong structure and stable operation.
- 7): PLC control system enables automatic forward and reverse rotation and shutdown, ensuring safer and more reliable operation.
- 8): Easy disassembly, repair, and maintenance, equipped with mechanical and electrical overload protection
- 9): Various types of feeding hoppers can be provided according to customer requirements.
- 10) : Equipped with a screen to control output size. Suitable for waste fabric, film, leather, jumbo bags, hollow plastic products, etc.

Production Workshop



YD-SSJDZ1500 Technical Parameter

Model	Equipment Parameters		Remarks
YD-SSJDZ1500	<ul style="list-style-type: none"> ● Motor: 75kW + 5.5kW ● Crushing Chamber: 1500*850mm ● Rotor length: 1500mm ● Rotor diameter: 400mm ● Number of rotor knife: 82 ● Number of counter knife: 6 ● Rotary Blade materials: DC53 (Hardness: 62 HRC) ● Counter Blade materials: D2 (Hardness: 58 HRC) ● 40mm screen opening ● A hydraulic ram keep material close to the rotor ● Stable operation due to a bigger chamber and more robust design.Rotor and screen are easily accessible from the front. ● Suitable Materials: Plastic lumps ; Plastic pallets ; Plastic drums ; Hollow containers ; Rigid plastic waste 		
Power Unit	Start Mode	Star-delta starting (with aviation plug)	1set
	Power Supply	Three-phase 380V 50hz/60hz	
	Control System	PLC control system with automatic reverse in case of overload	
Delivery time	Shipment will be completed within 30-40 days		