

# Industrial Single Shaft Shredder for Waste Reduction

This single shaft shredder is engineered for high-capacity size reduction. It is designed for efficient processing of various materials in recycling and waste reduction applications.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Single Shaft Shredder

This industrial-grade single shaft shredder is engineered for the efficient reduction of solid and hollow materials, including various engineering plastics, films, fibers, and pipes. Featuring a hydraulic-assisted feeding system, independent drive, and high-torque performance, it ensures stable and reliable processing of oversized items that conventional crushers cannot handle. The machine is designed for durability and low-noise operation, making it an essential component for high-capacity industrial recycling lines.

## Key Features

### Suitable Materials

PE, PP, PET, ABS, PVC, Engineering Plastics, Plastic Films, Plastic Pipes, Fibers, Paper

## Technical Specifications

### Performance Metrics by Model

| Metric              | LD600   | LD800   | LD1000 |
|---------------------|---------|---------|--------|
| Power (kw)          | 30      | 37      | 55     |
| Shaft Diameter (mm) | 210     | 400     | 400    |
| Capacity (kg/h)     | 400-500 | 600-700 | 1000   |
| Rotary Blades       | 24PC    | 46PC    | 56PC   |

### Common Operational Specs

**85 rpm**

Rotational Speed

**35 mm**

Standard Mesh Size