

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