

MATERIAL SIZE REDUCTION

Heavy-Duty Industrial Shredder

Custom-engineered size reduction for large, bulky and demanding industrial feedstocks.



Representative configuration shown; final system is project-specific

CUSTOM-BUILT

MACHINE CONFIGURATION

MATERIAL-LED

CUTTING SYSTEM

PROJECT-DEFINED

POWER & CAPACITY

Key Advantages

Material-led engineering

Shafts, cutters, speed and drive are selected from the actual feedstock and duty.

Project-sized construction

The chamber, frame, bearings and drive train are engineered for the confirmed load.

Feed-to-discharge integration

Hopper, loading, discharge and downstream interfaces are coordinated around material flow.

Controls and protection

Overload response, guarding and line interlocks are configured for the approved system.

Best Suited For

- Large plastic parts and purgings
- Pipes, profiles, crates and pallets
- Rubber, wood and composite offcuts
- Bulky industrial packaging
- Production scrap and rejected products
- Other reviewed industrial feedstocks

Typical Workflow

- 1 Share feedstock and duty data
- 2 Define throughput and output objectives
- 3 Select cutting system and layout
- 4 Approve configuration and test plan

Need a configuration recommendation?

Send your product dimensions, weight, material and target output.

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Technical Data

Custom-engineered system - project confirmation required

Project Definition

System type	Custom-engineered heavy-duty industrial shredder
Machine principle	Low-speed, high-torque tearing and shearing
Intended feedstock	Defined and approved during application review
Shaft and cutter configuration	Selected for material, contamination, output and duty
Feed opening and hopper	Sized to approved feed pieces and loading method
Drive arrangement	Electric or hydraulic; selected by torque and duty
Power, torque and speed	Defined after cutting-system selection
Throughput and output	Material- and process-dependent; project quoted
Infeed and discharge	Configured for the site material-flow arrangement
Electrical and controls	Destination standard and line interface
Dimensions and weight	Issued with the approved general arrangement drawing

Engineering Scope

- Feedstock and duty review
- Cutting and drive selection
- Layout and interface definition
- Configuration documentation

Configurable Modules

- Custom hopper or conveyor infeed
- Project-selected shaft and cutter assembly
- Discharge conveyor or collection interface
- Controls, guarding and line interlocks

Inquiry Data Checklist

- Feedstock, contamination and hazards
- Maximum piece size, weight and bulk density
- Throughput, output and operating hours
- Loading, discharge, site limits and electrical

CONFIGURATION NOTE

FY-SS02 is a custom-engineered platform rather than a fixed standard machine. No universal power, capacity, feed opening, cutter arrangement, dimensions or weight applies. Final specifications are defined in the approved quotation, general arrangement drawing and order confirmation. Actual performance depends on feedstock, contamination, loading and operating duty. Hazardous, flammable, pressurized, reactive or battery-containing materials must be disclosed. Product images show representative or optional equipment.

Product page: <https://fyxfer.com/heavy-duty-shaft-shredder/>