

FY-SS02 Heavy-Duty Shredder Series

FY-SS02 is a project-configured platform for bulky, tough, mixed or variable industrial feed. Begin with the most difficult material, required output and handling process. The published 600S through 1600 classes organize the enquiry; they do not define universal feed width, power or capacity.



FY-SS02 reference configuration; the supplied system is project-specific.

THREE DECISIONS BEFORE YOU SHORTLIST

01 Start with feed severity

Describe the largest, toughest and most variable normal feed, plus contaminants. Routine manageable plastic scrap may fit FY-SS01; difficult industrial waste requires a wider review of cutting and handling.

02 Define the next process

Primary reduction for transport differs from feeding separation or further sizing equipment. Agree the required output distribution and downstream interface before selecting shafts, cutters, drive and discharge.

03 Select a project class

Use the published 600S, 600D and 800-1600 paths to organize discussion. Confirm drive, feed arrangement, duty and site layout through engineering review; no numeric suffix guarantees performance.

Published project classes

OPTION / PLATFORM	WHEN TO SHORTLIST	CONFIRM BEFORE ORDERING
FY-SS02-600S	Compact single-drive 600-class starting point for reviewed heavy-duty feed.	Material suitability, duty and the quoted single-drive configuration.
FY-SS02-600D	Dual-drive 600-class route when the single-drive approach is unsuitable.	Drive, cutter and feeding requirements for the actual project.
FY-SS02-800	Medium heavy-duty class for larger, tougher or more variable waste.	Final specifications after material and handling review.
FY-SS02-1000	Expanded heavy-duty class with industrial feeding and downstream integration needs.	Feed-to-discharge layout, interfaces and operating duty.
FY-SS02-1200	Large project class for demanding primary reduction and engineered line layouts.	Drive, cutters and dimensions in the approved general arrangement.
FY-SS02-1400	Large industrial class for bulky-feed systems and supporting equipment.	The complete project configuration, feeding equipment and downstream scope.
FY-SS02-1600	Extra-large project class for high-duty industrial waste-processing lines.	Material trials, line requirements, site constraints and the final engineered scope.

Model numbers are class labels

Do not read a numeric suffix as feed width, motor rating or guaranteed capacity. Use the approved quotation and drawings for the selected configuration.

Disclose difficult contents

Declare embedded metal, liquids, sealed components, batteries and hazardous material before selection. Required removal, preparation or dedicated controls must be agreed during project review.

Prepare a useful application brief

Complete waste stream

Describe every normal feed component, mixtures and variability. Include photos and samples representing the difficult end of the proposed stream.

Feed geometry and density

Provide maximum object dimensions, thickness, piece weight and bulk density. Identify long, tangled, hollow or bundled items that affect feeding.

Contaminants and hazards

List embedded metal, stones, liquids, batteries, sealed components or other hazardous contents, plus any upstream removal or preparation process.

Output and downstream use

Define the accepted output distribution, oversize limit and downstream sorting, separation, transport or further size-reduction equipment.

Throughput and duty

State required hourly output, feed consistency, shifts and operating hours. Describe peaks and whether feeding is batch-based or continuous.

Handling and site layout

Provide loading and discharge methods, layout limits, maintenance access, electrical supply and required control links to surrounding equipment.

A PRACTICAL ROUTE TO A CONFIRMED CONFIGURATION

01 Define the material

Document the full stream, largest difficult pieces, contaminants and the accepted downstream output.

02 Review the system

Discuss project class, shafts, cutters, drive and feeding/discharge interfaces as one complete material flow.

03 Agree the evidence

Review representative trials and define how throughput, output and operating duty will be assessed.

04 Approve the configuration

Confirm the drawing, quoted equipment scope, controls, utilities and acceptance criteria before manufacturing.

FY-SS02 classes describe project starting points. Throughput, output size, drive, cutters, feed opening, machine dimensions and weight are confirmed for the actual material and duty. This guide retains the existing project datasheet and does not create a universal specification or a promise of suitability for every waste stream.

OFFICIAL REFERENCES

1. FY-SS02 project model map
2. Waste shredder family comparison
3. Industrial shredder selection guide
4. FY-SS02 project datasheet Rev A