

FY-SS01 Compact Shredder Series

Shortlist a compact shredder around the actual feed and required result. FY-SS01 spans small-feed jobs, routine factory scrap and integrated two-stage reduction. Compare the seven published model paths, then confirm feeding, output, duty and installation requirements with representative material before fixing the configuration.



FY-SS01-300 reference machine; configurations vary by model.

THREE DECISIONS BEFORE YOU SHORTLIST

- 01

Match the feed envelope

Start with material type, largest piece and thickness. Small parts and limited-volume work differ from bulkier routine scrap; model numbers alone cannot establish what a machine will accept.
- 02

Choose the reduction path

Standard compact models provide the initial reduction route. Compare the 2S upper-and-lower arrangement when the downstream process needs finer integrated reduction, with output confirmed using actual material.
- 03

Check the whole workflow

Describe feeding, collection, shift demand and available space. If feed becomes bulky, mixed or unusually demanding, evaluate the FY-SS02 project platform instead of assuming a larger compact model solves it.

Seven published model paths

OPTION / PLATFORM	WHEN TO SHORTLIST	CONFIRM BEFORE ORDERING
FY-SS01-180	Small feed pieces, light intermittent work and limited floor space.	Piece geometry, expected volume and the required output; review the mini configuration.
FY-SS01-300	Routine, manageable plastic runners, trims, offcuts and rejected parts.	Feed dimensions, contamination, loading consistency and downstream use.
FY-SS01-400	Larger routine parts needing a stronger compact starting point than the 300 class.	Material resistance and feed envelope; demonstrate the most difficult normal piece.
FY-SS01-500	Bulkier consistent feed within a compact factory-side workflow.	Feeding method, output requirement, operating duty and installation space.
FY-SS01-300-2S	An integrated first reduction followed by a finer secondary stage.	Actual output distribution and how material passes between the upper and lower cutting stages.
FY-SS01-400-2S	A wider two-stage route when the 300-2S starting point does not suit the feed.	Feed behavior, output objective and the full upper/lower configuration.
FY-SS01-500-2S	The largest published FY-SS01 integrated two-stage option after material review.	Representative trial, feeding arrangement, both cutting stages and downstream acceptance.

No universal throughput

Capacity and output depend on the real material, feeding and cutting arrangement. Define the accepted result and use representative testing rather than model number alone.

Know when to change family

Bulky, tough, mixed or highly variable waste may need the FY-SS02 platform. Do not infer suitability from a demonstration showing another machine setup.

Prepare a useful application brief

Material and condition

Name the polymer or waste stream; include rigid or flexible form, moisture, contamination and photos of normal and difficult feed.

Largest pieces

Provide maximum length, width, height and thickness, including awkward shapes, bundles and pieces that may bridge during feeding.

Required output

State the accepted size range and next process: collection, transport, further granulation or reuse. Identify unacceptable oversize material.

Real workload

Provide hourly and shift demand, operating hours and batch or continuous feeding. Include variation instead of only an average volume.

Feeding and collection

Describe who or what feeds the hopper, collection height and any conveyors or downstream interfaces that must fit the machine.

Installation and utilities

Provide a site layout, maintenance access, destination electrical supply and any constraints affecting machine position, loading or discharge.

A PRACTICAL ROUTE TO A CONFIRMED CONFIGURATION

01 Document the feed

Share representative photos, dimensions, material condition and the difficult end of normal production scrap.

02 Shortlist the path

Compare mini, compact and two-stage options against the required output and available handling method.

03 Review a trial

Use representative material to assess feeding behavior, output distribution and the proposed operating duty.

04 Confirm the supply

Approve the chosen model, cutters, handling interfaces, utilities and acceptance criteria before the order.

This guide narrows the published FY-SS01 options; it does not set guaranteed throughput or universal material suitability. Confirm the exact model, cutting arrangement, guarding, electrical supply and acceptance criteria in the quotation and approved documents. Retain the FY-SS01-300 datasheet for its specific reference configuration.

OFFICIAL REFERENCES

1. FY-SS01 series and model comparison
2. Waste shredder family comparison
3. Industrial shredder selection guide
4. Plastic shredder buying checklist