



## SCRAP METAL SHREDDING

SSI offers a variety of low-speed, high-torque shredders for volume reduction and recovery of ferrous and non-ferrous scrap metal materials.

From industrial operations and scrap yards to state-of-the-art electronics recycling facilities, SSI shredders can be found processing all types of metals around the world. Our patented low-speed, high-torque technologies provide efficient solutions for metal material size reduction.

### METAL MATERIALS PROCESSED

- Mixed electronics (PC's, copiers, mainframes, etc.)
- Baled aluminum—sheet, extrusions, UBC's, briquettes
- Bulky ferrous—drums, appliances, stampings, sheet
- Cast parts and wheels
- Copper Anodes
- Auto-shredder residue (ASR)
- Aluminum and copper radiators
- Titanium sponge and turnings
- Pulper tails/rag rope ('bird-nested' baling wire)
- All other non-ferrous

### MULTIPLE PRODUCT LINES & OPTIONS

- Primary, secondary, and tertiary shredders (to 1")
- Single-, dual-, and four-shaft shredders
- Handle commingled or single material streams
- Bulk-feed capabilities
- Cost-effective alternative to high-speed shredders
- Sized from 50-800 Horsepower
- Stationary, semi-portable, and mobile configurations



### TYPICAL SHREDDING APPLICATIONS

#### PREPARE SCRAP FOR REMELTING OR DELACQUERING

Shred bales, briquettes, stampings, sheets, etc. to improve material handling and process efficiencies. Entrapped contaminants are liberated and more easily removed, upgrading material quality.

#### RECOVER METAL FROM MIXED SCRAP

Electronics, appliances, auto-shredder residue (ASR), rag rope/bird-nested wire and other commingled scrap contain valuable metals. Shredders size and liberate component materials for more efficient recovery.

#### PRIMARY SHREDDING, VOLUME REDUCTION

Shredding lightweight, bulky ferrous or non-ferrous scrap facilitates material handling, minimizes storage space, reduces transportation costs, increases resale values and prepares material for more efficient secondary processing.

#### SECURITY DESTRUCTION

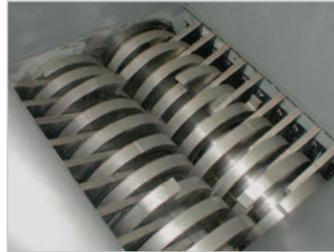
Classified materials and defective parts can be destroyed to prevent improper use or identification.



## LOW-SPEED, HIGH-TORQUE SHREDDERS

### DUAL-SHEAR™ SHREDDER

Two-shaft rotary shear technology ideal for drums, pulper 'tails' (commingled baling wire), baled aluminum, cast wheels, copper anodes, radiators and other non-ferrous material.



### QUAD™ SHREDDER

Four-shaft rotary shear technology with integrated screen produces small, uniform sizes to maximize liberation and recovery from commingled scrap, such as electronics, ASR (auto shredder residue), appliances, etc.



### PRI-MAX™ SHREDDER

High capacity volume reduction of bulky scrap—light-gauge ferrous, large extrusions, baled aluminum, appliances and more. Mobile equipment available!



### UNI-SHEAR™ GRINDER

Single-shaft, rotary grinder with integrated screen produces small, uniform sizes from UBC's (used beverage containers), briquettes, silgan bales, and other non-ferrous. Ideal preparation for delaquering furnace.

