



## SOLID AND BULKY WASTE SHREDDING

SSI offers a variety of low-speed, high-torque shredders for size reduction and recycling of solid, bulky waste of nearly all sizes and materials.

Consumer waste and scap that is too large to be collected through traditional methods is considered Bulky Waste. SSI shredders are integral in the process of breaking down these tough, irregular and oversized materials to prepare them for recycling or thermal treatment. SSI's patented, low-speed, high-torque technologies provide optimum performance and reliability in processing solid and bulky waste.

### SOLID/BULKY WASTE MATERIALS PROCESSED

- Mattresses, Sofas, Beds and Other Furniture
- Shingles, Drywall, Tile and Other Construction or Demolition Debris
- Sinks, Toilets and Other Plumbing Fixtures
- Flooring and Carpet
- Scrap Wood
- Concrete Blocks
- Refrigerators, Freezers Washers, Dryers and Other Household Appliances
- Branches, Brush, Logs and Other Organic Waste



### MULTIPLE PRODUCT LINES

- 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
- Sizes from 50-800 Horsepower
- Stationary, semi-portable, and mobile configurations available



### TYPICAL SHREDDING APPLICATIONS

#### LANDFILLS

Since 1980, SSI has engineered and implemented effective shredding solutions for landfill operations around the world. These powerful systems reduce waste material size prior to compaction or transfer. SSI has also developed on-site shredding systems for direct use at landfill sites.

Shredding solid and bulky wastes prior to transport greatly improves efficiency, lowers transportation costs and increases the capacity and life of the landfill.

#### COMPOSTING

Many municipalities operate organic waste composting and recycling facilities. Some utilize SSI shredders to output large strips while others feed waste through a series of shredders prior to high-speed mill processing.

#### THERMAL TREATMENT

Some operations incinerate waste for simple destruction or the burning of alternative fuels. Utilizing an SSI shredder prior to incineration greatly improves the combustion efficiency of the materials.