



MSW/OBW PROCESSING

SSI designs and manufactures size reduction systems to prepare municipal solid waste and oversized bulky waste for thermal treatment.

Each year, increasing numbers of thermal treatment facilities opt for low-speed, high-torque shredders to preprocess a broad range of materials, especially bulky mixed wastes. Utilizing SSI industrial shredding systems prior to thermal treatment help to lower size reduction costs and increase handling and processing efficiency.

THE 'SSI ADVANTAGE'

- **One source, many solutions:** SSI can offer a standard or custom solution that fits your needs whatever the material, whatever the particle size. We offer electric and hydraulic shredders (1, 2, or 4 shaft designs) ranging from 5 HP up to 1,000 HP.
- **Quality, reliability, competitive prices:** We understand that you need to be competitive to win contracts in this global economy. We work with you to determine a solution that meets the project's requirements - and your budget.
- **Specialized technical services:** SSI has the experience, as well as the technology, to deliver the data you need—when you need it.
- **Worldwide service:** World-class service can be a challenge. With successful installations in over 40 countries, we have met the challenge—and delivered.



WHY LOW-SPEED TECHNOLOGY?

With successful installations in 47 countries, SSI is a global manufacturing leader in the waste-to-energy industry. Solid waste and thermal treatment facilities around the world rely on SSI's low-speed, high-torque technologies to preprocess a broad range of materials for conversion to alternative fuels.

SSI holds patents on some of the industry's most creative technologies. It's these technologies that give our shredders important advantages over most traditional high-speed size reduction equipment.

LOW-SPEED ADVANTAGES:

- Less material preparation - accepts unsorted waste.
- Tougher to damage than high-speed machines.
- Very low vibration requires no special foundations.
- Lower dust and noise means a safer work environment.
- Lower maintenance and operating costs.
- Longer life to the cutters and entire equipment.
- Higher online reliability, less down time.
- Lower energy consumption.