

## PULP AND PAPER MILL WASTE SHREDDING

SSI offers a variety of low-speed, high-torque shredding solutions for pulp and paper mill materials processing to increase mill efficiency.

SSI designs and manufactures a variety of high-capacity shredding solutions specially suited for paper shredding and pulp mill materials processing. With SSI's low-speed, high-torque technologies, pulp and paper mills are able to increase overall mill efficiency by reducing waste volume and lowering fuel, storage and transportation/disposal costs. SSI custom engineers the most effective size reduction solutions specific to the application.

### PAPER & PULP MILL MATERIALS PROCESSED

- Rag rope
- Baled corrugated (OCC) or newsprint (ONP)
- Pulper waste
- General in-plant waste
- Paper rolls/fiber cores
- Wire
- Slabs
- Pallets
- Packaging materials (shrink wrap, banding, etc.)
- Scrap raw fibers and wood



### MODEL RECOMMENDATIONS

MODEL NO.	INFEED DIMENSIONS	HP RANGE	BALE BREAKER THROUGHPUT	MIXED WASTE THROUGHPUT
M85	35" x 52" (890 x 1315mm)	100-150	N/A	1-4 tph
M100	41" x 63" (1040 x 1610mm)	150-200	10-20 tph	3-6 tph
M120	45" x 75" (1145 x 1905mm)	150-300	15-30 tph	5-8 tph
M140	52" x 75" (1320 x 1905mm)	300-400	20-40 tph	7-10 tph
M160	64" x 101" (1625 x 2555mm)	300-600	20-40 tph	8-12 tph

Throughput and particle size vary depending upon cutter configuration and type of material. Consult SSI for recommendations on your specific application.



### TYPICAL SHREDDING APPLICATIONS

#### PRE-INCINERATION SHREDDING

Shredded paper is easier to handle and meter-feed into an incinerator and burns more thoroughly and rapidly.

#### BALE BREAKING OR PREPROCESSING

Shredding bales prior to pulping delivers consistently sized and metered material which can increase pulper capacity—while lowering energy and maintenance costs. Reduced pulper slamming means fewer repair and maintenance issues.

#### PULPING APPLICATIONS

SSI shredders are ideal for shredding baled paper and cardboard prior to hydropulping.

#### VOLUME REDUCTION

Shredding can reduce waste volume to facilitate material handling, reduce storage requirements and lower transportation and/or disposal costs.

#### FUEL PREPARATION

Shred in-plant waste into cost-effective boiler fuel.

#### PRODUCT DESTRUCTION AND RECLAMATION

SSI builds mobile or stationary shredders for destroying returned, misprinted, or outdated books and publications as well as for paper product destruction for security and recycling purposes.