



UNI-SHEAR® SINGLE ROTOR SHREDDERS

SSI's Uni-Shear® line of single shaft shredder/grinders reduce the size of a broad range of materials to small, consistent particles—in a single pass.

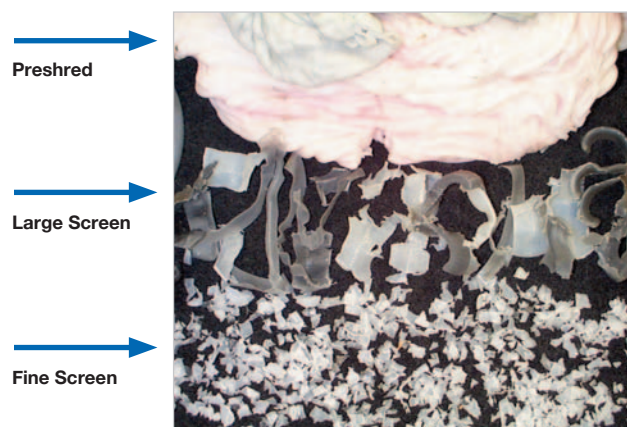
The Uni-Shear® incorporates single-rotor, medium-speed design with reversible cutters and vertical feed with ram assist. SSI's Uni-Shear® shredders are ideal for wood, paper, hard plastics, and other brittle materials with limited metal contamination, where small, uniform particle size is important. Uni-Shear® shredders can be configured with either electric or hydraulic power options.

THE UNI-SHEAR® ADVANTAGE

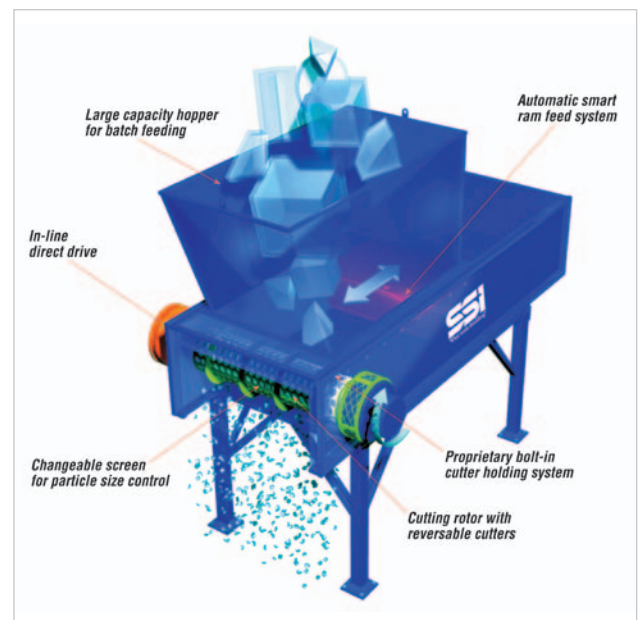
- Produces small, uniform particle size
- Optional sizing screens from 3/8 inch to 4 inches
- Ram and rotor loading interface to allow efficient and automatic shredder operation
- Exclusive electric direct drive design (no belts)
- 'Smart' ram fits different applications and materials
- Interchangeable screens for quick cleaning and particle size adaptation
- Robust construction
- Replaceable and reversible cutters extend uptime and productivity
- Large hopper for increased volume and bulk feeding
- Operator-friendly, full function control panel

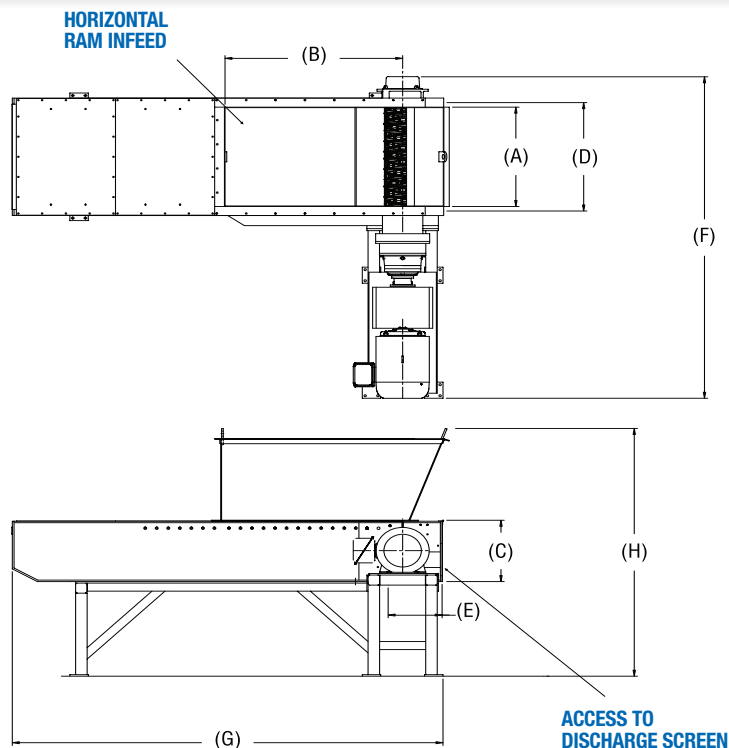
DESIGN DRIVEN RESULTS

Heavy-duty construction incorporates low horsepower and PC controls for reliable, consistent results.



Uni-Shear® reduces purgings into uniform shavings or into flakes using optional sizing screen.





Ram feed facilitates processing of bulky, hard-to-grab objects.



Various screen sizes available.

MODEL NO.	SR300	SR375	SR500**
Uni-Shear® Specifications			
Cutting chamber width (A)	33" (840 mm)	49" (1,245 mm)	66" (1,675 mm)
Active rotor width	31" (790 mm)	52.4" (1,331 mm)	69.3" (1,760 mm)
Cutting Chamber length (B)	31" (1,245 mm)	77" (1,955 mm)	80" (2,030 mm)
Cutting Chamber height (C)	19" (485 mm)	30" (760 mm)	36" (915 mm)
Discharge width (D)	42.5" (1,080 mm)	65" (1,650 mm)	83" (2,110 mm)
Discharge length (E)	17" (432 mm)	19.5" (495 mm)	24" (610 mm)
Overall width (F)	79" (2,005 mm)	160" (4,065 mm)	185" (4,700 mm)
Overall length (G)	108" (2,750 mm)	190" (4,825 mm)	206" (5,230 mm)
Overall height (H)	101" (2,565 mm)	118" (3,000 mm)	136" (3,455 mm)
Rotor diameter	12" (300 mm)	15" (375 mm)	20" (500 mm)
Number of Cutters	36	30/60/90	40/80/120
Rotor Speed	125 rpm	111 rpm	87 rpm
Screen size	3/8" - 4" (10-102 mm)	3/8" - 4" (10-102 mm)	1/2" - 8" (13-203 mm)
Horsepower	50 HP (37 kW)	100 -150 HP (74.6-111.9 kW)	125 - 200 HP (93.2-149.1 kW)
Hydraulic ram feeder	2 HP (1 kW)	25 HP (18.6 kW)	25 HP (18.6 kW)
Machine weight	4,000 lbs. (1,800 kg)	23,000 lbs. (10,435 kg)	27,000 lbs. (12,250 kg)

* Variable to suit installation

** Also available with hydraulic drive

Note: Illustrations, specifications and descriptions presented reflect standard product at time of publication and are subject to change without notice. Dimensions are approximate. Photographs may include optional equipment and accessories. SSI offers compactors, balers, granulators, conveyors, classifiers, specialized motors, stands, hoppers and mobile configurations. Consult factory to discuss your processing needs.

SSI ADVANTAGES

ONE SOURCE, MANY SOLUTIONS

SSI can offer a standard or custom solution that fits your needs—whatever the material, whatever the particle size.

QUALITY, RELIABILITY, COMPETITIVE

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.

WORLDWIDE SERVICE

World-class service can be a challenge. With successful installations in 47 countries, we have met the challenge and delivered.