

SINGLE ROTOR Technology

Predictable, small, consistent particles

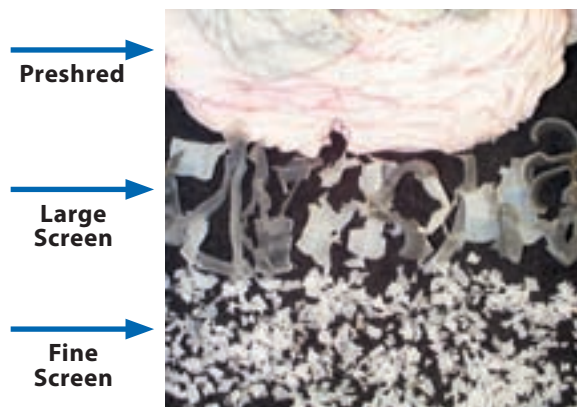
SSI designed its single rotor technology to reduce bulky material in a single pass. The technology offers a viable alternative to other traditional size reduction solutions.

Using an adjustable speed and pressure-sensing ram and individually replaceable, reversible cutters, SSI's Uni-Shear:

- Delivers consistent, uniform particle size in a single pass
- Is heavily reinforced in critical areas
- Accepts up to 1 cubic yard of infeed material
- Processes a variety of materials including plastics, fiber, paper, foam, wood waste and textiles
- Accept bulk or meter (conveyor) fed loading
- Allows operators to 'dump and run' batches of material
- Meters shredded material to downstream equipment
- Is configured specifically for your application

Responsive design

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



SSI'S Uni-Shear reduces purgings into uniform shavings, or into flakes using optional sizing screen.



Uni-Shear features

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

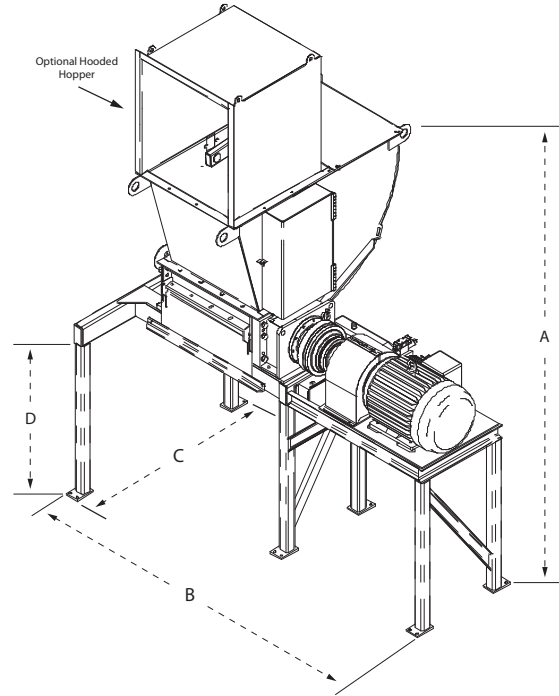


SPECIFICATIONS - SR-300E

Rotor Length	31"	(790 mm)
Chamber Length	33" x 31"	(840 mm x 785 mm)
Cutter Tip Diameter	12"	(300 mm)
Number of Cutters	36	
Rotor Speed (rpm)	125	
Hopper Capacity	1 (cubic yard)	(0.76 cubic meters)
Screen Size	3/8" - 4"	(10-102 mm)
Horsepower	50	(37 kw)
Hydraulic Ram Feeder	2 HP	(1 kw)
Machine Weight	4,000 lbs	(1,800 kg)

Consult factory for other models.

Note: Illustrations, specifications and descriptions presented reflect standard product at time of publication and are subject to change without notice. Dimensions are approximate. Consult factory to discuss your processing requirements.



DIMENSIONS - Uni-Shear SR-300E

SR-300	A (height)	B (length)	C (width)	D (discharge height)
	101"	108"	79"	47"
	2,565 mm	2,750 mm	2,005 mm	1,194 mm



Delivers consistent, uniform particle size in a single pass



Optional screens available with openings from 3/8-inch to 4 inches (10-102 mm).



The SR-300 features a direct drive design (no belts) and a magnetic clutch for shock protection.