



UNI-SHEAR® SR500 SHREDDER

The SR500 single rotor shredder/grinder reduces bulky material in a single pass while producing predictable, consistently sized particles.

The technology of the Uni-Shear® SR500 offers a viable alternative to other traditional size reduction solutions. The SR500 uses an adjustable speed, pressure-sensing ram and individually replaceable, reversible cutters to effectively grind material to consistent particles in a single pass.

THE SR500 ADVANTAGE

- Delivers consistent, uniform particle size in a single pass
- PLC (Programable Logic Control) control system
- Heavily reinforced in critical areas
- Accepts up to 7 cubic yards of infeed material
- Accepts 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

TYPICAL SHREDDING APPLICATIONS

- Paper/Cardboard
- Plastics (hard and soft)
- Foam
- Product destruction
- Mattress scrap
- Wood waste
- Pharmaceuticals
- Rubber
- Organic waste
- Light gauge metals
- Fibers/Textiles
- and more...

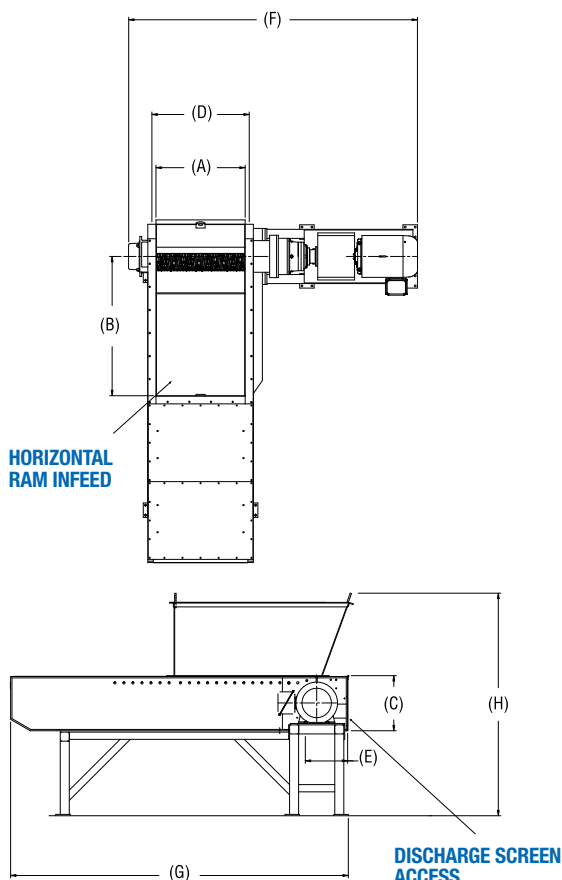


SR500 DESIGN FEATURES

- Interchangeable screens screens from 1/2" to 8" allow easy cleaning and particle size adaptation
- Replaceable and reversible cutters extend uptime and productivity while reducing O&M costs.
- Robust construction and easy maintenance design
- 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.
- Extra large loading area with a 7 cubic yard hopper accommodating large volume and bulk feeding.



← Preshred
← Large Screen
← Fine Screen



Optional screens available with openings from 1/2-inch to 8 inches (13-203mm)



Delivers constant and uniform particle size in a single pass.



Standard Cutter Holder



Optional Cutter Holder Cap

SPECIFICATIONS: UNI-SHEAR® SR500

Drive	In-line direct-drive
HP Range	150-200 HP (113-150 kW)
Voltage	460/3/60 standard; other options available
Number of Cutters	40 / 80 / 120
Rotor Speed (rpm)	87
Screen sizes	1/2" - 8" (13-203 mm)
Rotor diameter	20" (500 mm)
Active rotor length	69.3" (1,760 mm)
Cutting chamber (WxL)	66" x 80" (1,675 mm x 2,030 mm)
Hopper Capacity	7 cu yd (5.1 cubic meters)
Machine length (F)	206" (5,230 mm)
Machine width (G)	185" (4,700 mm)
Machine height (H)	136" (3,455 mm)
Machine weight (less HPU)	27,000 lbs. (12,200 kg)
Hydraulic ram	25HP (18.6 kW)

* Variable to suit installation and processing requirements

** Also available with hydraulic drive

Consult factory for other models and to discuss your processing requirements.

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 and classifiers as well as specialized motors, stands, hoppers, and mobile configurations. Consult factory to discuss your processing needs.