

# STS-5S

## Single Rotor Shredder

The STS-5S includes a swing ram for processing large flexible items and bales. It does more so you can DO MORE!

### STANDARD FEATURES

Shred-Tech's STS-5S is manufactured to exacting quality control standards, ensuring maximum shredder durability. Extra heavy-duty construction and attention to detail results in a shredder that performs well and is operator friendly.

### OVERVIEW

The STS-5S is capable of processing virtually any and all types of plastics and wood in all shapes, sizes and quantities. Our team of experienced technical sales representatives are trained to advise on the exact equipment specifications needed to meet all application requirements.

Rigorous testing and video & digital imaging hardware, enable our team to provide accurate recommendations; with test results available for the customer to review.

### BENEFITS

- Reinforced all welded construction - prevents screen damage from tramp metal and other unshreddable objects.
- Fluid coupling prevents damage to the drive system during high shock loads or heavy levels or contaminates. Provides reduced motor load starting.
- Available abrasion resistant wear components decrease operating costs.
- Bearings & seals - mounted outboard of the cutting chamber to avoid contamination.
- Two-speed ram for efficient processing.
- Replaceable ram guides.

### OPTIONS

As with all Shred-Tech shredders, the STS line can be equipped with a full compliment of options including:

- Custom hoppers and stands
- In-feed and discharge conveyors
- Pneumatic discharge and dust control
- Vibrating, magnetic or rotary separation
- Modem capabilities
- PLC interfacing for peripheral equipment





# STS-5S Single Rotor Shredder

Shred any material including wood, plastic bottles, waste, carpet, purgings, cardboard and much more!

SHREDDER TECHNICAL SPECIFICATIONS		METRIC	IMPERIAL
<b>PRODUCT SPECIFICATIONS</b>			
Rotor Diameter		480 (mm)	18.9"
Rotor Width		1,500 (mm)	59.06"
Shredder Motor		90 (kw)	125 (hp)
Rotor RPM		80	80
Cutting Chamber Size		1,340 x 1,500 (mm)	52.76" x 59.06"
Screen Opening Diameter		40 (mm)	1.57"
Rotor Knife Quantity		84	84
Rotor Knife Size		40 (mm)	1.57"
Bed Knife Quantity		6	6
Hydraulic Ram Motor		7.5 (kw)	10 (hp)
Shredder Length/Width/Height		3,660 x 2,190 x 2,660 (mm)	144.10 x 86.22 x 104.72"
Weight		12,500 (kg)	27,550 (lbs)
<b>OPTIONS</b>			
Various rotor widths and motor powers to suit application			
Various screen opening diameters to suit application			
Wear resistant rotor and screen material			
Bolted rotor knife holders for metal applications			
Rotor cooling for low melt temperature materials			
<b>FEATURES</b>			
Swing style ram for the processing of large flexible items and bales			
Ram has variable speed dependent upon motor current load			
Ram equipped with angled, serrated face for positive grip			
Gear reduced drive with matched "V" belts and fluid coupling for reduced load starting and overload protection			
Four-sided rotor knives made from tool steel can be rotated before replacement			
Access doors for quick screen change			
Doors for ease of access to rotor			
Rubber vibration isolation foot pads			
<b>TYPICAL APPLICATIONS</b>			
Plastic mouldings, purgings and film			
Paper products and cardboard			
Beverage containers, plastic and aluminum			
Carpet and fabric			
Foam			
Household and commercial waste			
RDF and SRF production			



Product specifications subject to change without notice.

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