

STQ SERIES



CIRCUIT BOARD REDUCTION

ELECTRONIC HARDWARE DESTRUCTION

REDUCTION OF STEEL DRUMS

MAGNESIUM

The Shred-Tech STQ Series Four Shaft Shredders are designed to process bulk materials; including wood, plastics, paper, tires, textiles, electronic equipment, medical waste, organic waste and manufactured products, to a uniform particle size in a single pass.

Heavy-duty construction based around Shred-Tech's standard torsion tube body concept ensures robust trouble free operation. Shred-Tech's proprietary triple seal cutting chamber, abrasion resistant wear components and exceptionally high knife tip cutting force ensure low noise and vibration, reduced wear, and decreased maintenance costs.

Shred-Tech's standard durable hex shafts and robust drive systems are at the heart of the STQ line of shredders ensuring years of reliable service. Engineers have focused a high degree of attention on building a line of four shaft shredders that are maintenance friendly and allow for quick and easy change out of components.

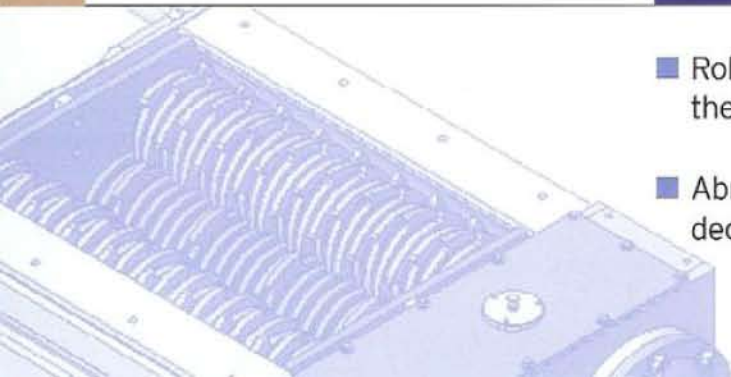


Shred-Tech's team of experienced technical sales representatives are trained to advise on the exact equipment specifications needed to meet all application requirements. Complete testing

FEATURES

BENEFITS

- Rollout screens are easily removed from the end of the shredder.
- Abrasion resistant wear components help to decrease operating costs.





REDUCTION

WIRE & CABLE REDUCTION

PAPER SHREDDING

TIRE PROCESSING

Simplified modular construction reduces the number of major components and increases parts commonality; thus reducing spare parts requirements. Rollout screens are easily removed from the end of the shredder. This allows for quick and easy screen cleaning and efficient change out of alternative screen sizes. The proprietary sealed bearing assembly is also removed from the end of the shredder ensuring easy cutting chamber service and long bearing life.

Interchangeable screen sizes allow for maximum flexibility when determining desired particle size. STQ models range from 40 hp (30 kW) up to 150 hp (112.5 kW) and are available in a wide variety of cutting chamber sizes to meet the demands of various materials in all possible shapes, sizes and material loading methods.

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

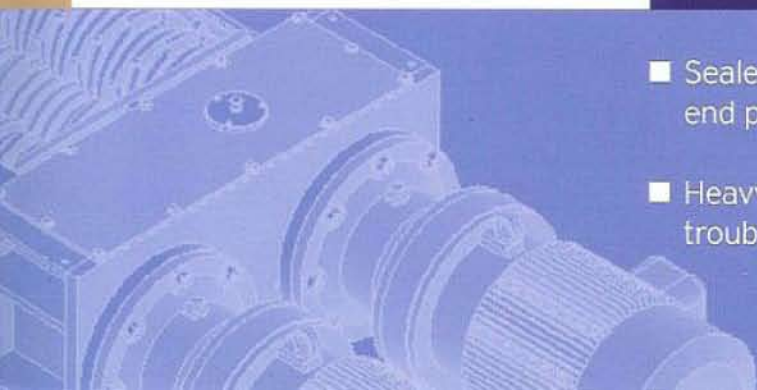
- Custom hoppers and stands
- In-feed and discharge conveyors
- Pneumatic and hydraulic ram hoppers
- Vibrating, magnetic or rotary separation
- Modem capabilities
- PLC interfacing for peripheral equipment
- Pneumatic discharge and dust extraction



facilities with modern video and digital imaging hardware are also available to ensure Shred-Tech's equipment recommendations are based on factual data and available for customers to review.

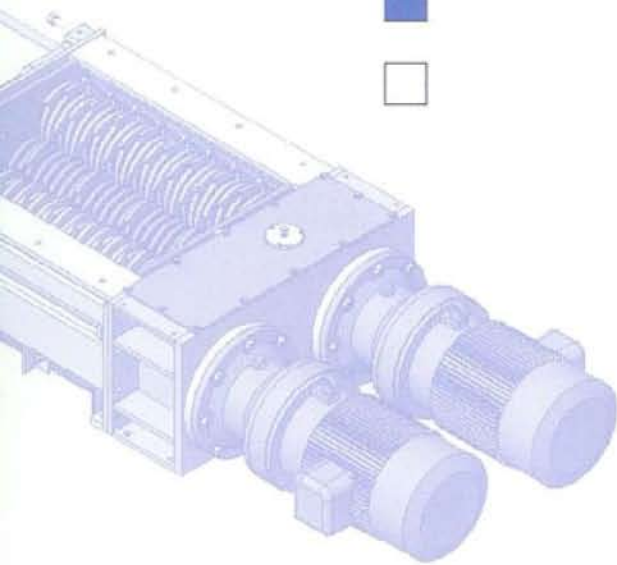
FEATURES BENEFITS

- Sealed bearing assembly is removed with the cutting chamber end plate for easy cutting chamber service and long bearing life.
- Heavy-duty torsion tube body construction ensures robust trouble-free operation.



STQ SERIES

FOUR SHAFT

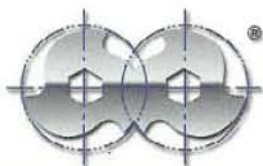


TECHNICAL SPECIFICATIONS

Shredder		STQ-50	STQ-75	STQ-100
Drive		Electric	Electric	Electric
Number of Motors		Two	Two	Two
Power Range	hp	40 50	60 80	100 150
Voltage		380 - 600	380 - 600	380 - 600
Cycle		50/60	50/60	50/60
Number of Cutting Shafts		4	4	4
Shaft Speeds	rpm	24 - 32	22 - 30	15 - 27
Screen Size	in	0.6 - 2.0	0.6 - 2.0	1.0 - 2.4
Cutting Chamber Width	in	27.6	33.9	40.2
Cutting Chamber Lengths	in	29.2/38.8/48.4	38.8/48.4/58.0	47.2/59.1
M/C Weight (lb) approx. Shredder Only		6600 - 7920	9240 - 12100	20900 - 27500

All dimensions are in inches unless noted otherwise.

WORLD LEADER IN REDUCTION ENGINEERING AND MANUFACTURING



SHRED-TECH

1-800-464-3095

world leaders.

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