

STQ-100

4-SHAFT SHREDDER

Industrial shredder designed to reduce large material to a desired size.

The STQ-100 is designed to process bulk materials including wood, plastics, textiles, electronic equipment, medical waste, organic waste, manufactured products and various other materials, reducing them to a uniform particle size in a single pass.

STANDARD FEATURES

► CUTTING CHAMBER

STQ models 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.

► CONSTRUCTION

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.

► ROLL OUT

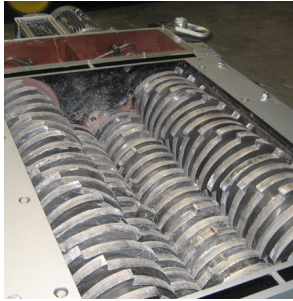
Rollout screens are easily removed from the end of the shredder, allowing for quick and easy screen cleaning and efficient change out of alternate screen sizes.

► HEX SHAFTS

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.



The STQ-100 uses different sized screens to determine final shred size.



TECHNICAL DATA

STQ-100ES

STQ-100E

Overall Machine Measurements

Length	218 in 5.53 m	230 in 5.83 m
Width	79 in 2.01 m	79 in 2.01 m
Height	136 in 3.46 m	136 in 3.46 m
Weight	20,200 lbs 9,141 kg	21,800 lbs 9,868 kg
Floor Space	119.5 ft ² 11.1 m ²	126 ft ² 11.7 m ²

Shredder Specifications

Drive	Electric	Electric
Number of Motors	2	2
Total Motor Power	150-200 hp 90-150 kW	150-200 hp 90-150 kW
Voltage	208-600	208-600
Hertz	60/50	60/50
Cutting Chamber (lxw)	47½x41 in 1.21x1.40 m	59x41 in 1.50x1.40 m
Stand Opening (height)	60 in 1.52 m	60 in 1.52 m
Stand Opening (width)	54 in 1.38 m	54 in 1.38 m
Stand Opening (length)	79 ½ in 2.01 m	91 in 2.31 m

Optional Features

- Pneumatic or Hydraulic Ram
- Custom Stands and Hoppers
- Feed and Discharge Conveyors
- PLC Interfacing for Peripheral Equipment
- Explosion-Proof motors
- Modem Capabilities
- Hydraulic Drive Options
- Magnetic or Eddy Current Separators

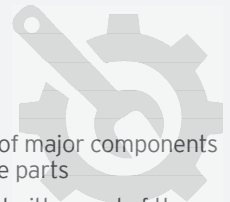
STQ-100

4- SHAFT SHREDDER

The STQ-100 is crafted to achieve the ideal shred size and to provide maximum efficiency when handling a diverse array of materials.

Maintenance

Simplified modular construction reduces the number of major components and increases parts commonality; thus reducing spare parts requirements. Bulkhead walls and labyrinth barriers at either end of the cutting chamber provide excellent bearing and seal protection. A light weight chamber plate ensures cutting chamber disassembly is quick and easy. Bearing and seal replacement is easily completed without the need of gearbox disassembly.



COMPLETE INFORMATION DESTRUCTION AND RECYCLING SOLUTIONS

www.shred-tech.com | sales@shred-tech.com
 tf. 1.800.465.3214 | t. 519.621.3560 | f. 519.621.4288
 Service Hotline: 1.877.566.2345

