

STQ-75

4-SHAFT SHREDDER

Large shredder with the ability to reduce material to a desired size.

The STQ-75 is designed to shred wood, plastics, textiles, electronic equipment, medical waste, organic waste, manufactured products and various other materials

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-75 uses different sized screens to determine final particle size.

TECHNICAL DATA

STQ-75ES

STQ-75E

STQ-75EL

Overall Machine Measurements

Length	176 in 4.47 m	187 in 4.75 m	197 in 5.00 m
Width	73 in 1.83 m	73 in 1.83 m	73 in 1.83 m
Height	128 in 3.23 m	128 in 3.23 m	128 in 3.23 m
Weight	16,350 lbs 7,405 kg	17,400 lbs 7,877 kg	18,400 lbs 8,350 kg
Floor Space	87.5 ft ² 8.1 m ²	94 ft ² 8.7 m ²	98 ft ² 9.1 m ²

Shredder Specifications

Drive	Electric	Electric	Electric
Number of Motors	2	2	2
Total Motor Power	60-80 hp 45-60 kW	60-80 hp 45-60 kW	60-80 hp 45-60 kW
Voltage	208-600	208-600	208-600
Hertz	60/50	60/50	60/50
Cutting Chamber (lxw)	37x35¼ in 0.94x0.90 m	49x35 in 1.23x0.88 m	58x35¼ in 1.48x0.90 m
Stand Opening (height)	55 in 1.40 m	55 in 1.40 m	55 in 1.40 m
Stand Opening (width)	46 in 1.18 m	46 in 1.18 m	46 in 1.18 m
Stand Opening (length)	77 in 1.96 m	88 in 2.24 m	98 in 2.49 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

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.



STQ-75

4-SHAFT SHREDDER

The STQ-75 is crafted to achieve the ideal shred size and to provide maximum efficiency when handling a diverse array of materials.

COMPLETE INFORMATION DESTRUCTION AND RECYCLING SOLUTIONS

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