

STQ-100

4-Shaft Shredder

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.

It does more so you can **DO MORE!**

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.

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.

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.

ROLLOUT

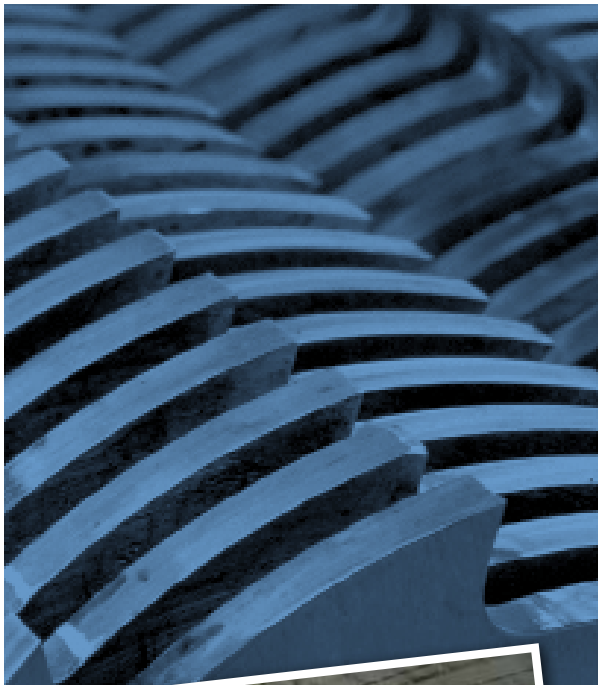
Rollout screens are easily removed from the end of the shredder, allowing for quick and easy screen cleaning and efficient change out of alternate screen sizes.

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.



SHRED-TECH



STQ-100

4-Shaft Shredder

The STQ-100 is designed to process bulk materials and manufactured products, reducing them to a uniform particle size in a single pass.

SHREDDER TECHNICAL SPECIFICATIONS	STQ-100ES	STQ-100E
MEASUREMENTS		
M/C Length	165"	177"
M/C Width	77"	77"
M/C Height	136"	136"
M/C Weight	17, 100 lbs	18, 700 lbs
Floor Space (sq. ft.)	88	95
PRODUCT SPECIFICATIONS		50/60
Drive	Electric	Electric
Number of Motors	2	2
Horsepower	150-200	150-200
Voltage	208-600	208-600
Hertz	50/60	50/60
Knife Thickness (STD)	1" 1 3/16" 1 1/2" 1 7/8"	1" 1 3/16" 1 1/2" 1 7/8"
Number of Knives	96 80 64 48	120 100 80 60
Knife Diameter (M/S)	15 3/8"	15 3/8"
Hex Size (M/S)	6 5/16"	6 5/16"
Distance Between Shafts (M/S)	12 5/8" / 30 3/8"	12 5/8" / 30 3/8"
Cutting Chamber	41"x47 1/2"	41"x59"
Discharge Height	60"	60"
Hopper Height	38"	38"
Stand Opening (Width)	54"	54"
Stand Opening (Length)	77"	89"
OPTIONAL FEATURES		
PLC Interfacing for Peripheral Equipment		
Custom Stands and Hoppers		
Feed and Discharge Conveyors		
Pneumatic or Hydraulic Ram		
Vibrating, Magnetic or Rotary Separation		
Explosion Proof Motors		



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