

# 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.

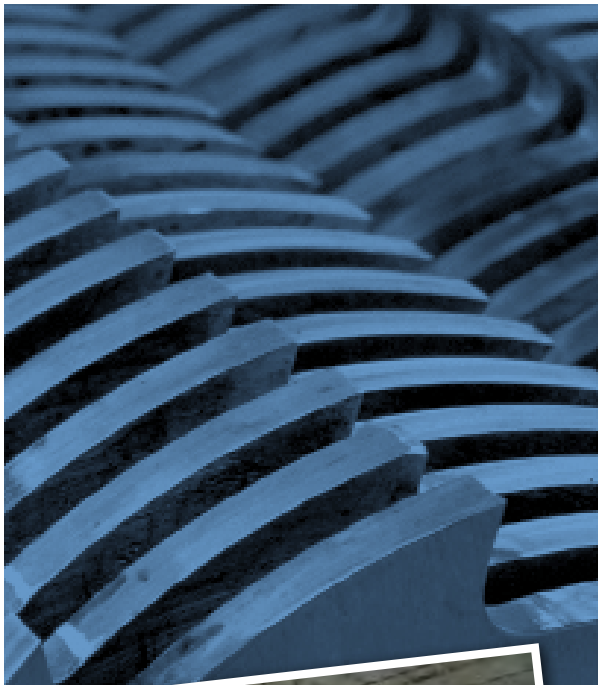
#### ROLLOUT

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.





# 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
<b>MEASUREMENTS</b>			
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
<b>PRODUCT SPECIFICATIONS</b>		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" 13/16" 11/2" 17/8"	1" 13/16" 11/2" 17/8"
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"
<b>OPTIONAL FEATURES</b>			
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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