

# 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

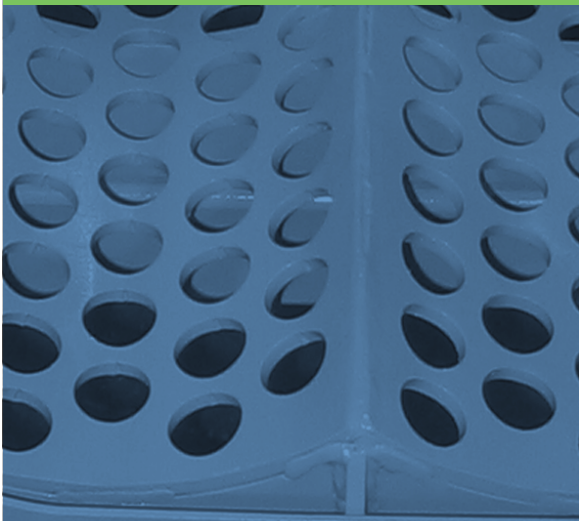
Heavy-duty construction, based around Shred-Tech's standard torsion tube body concept, ensures robust trouble-free operation. Shred-Tech's proprietary triple seal cutting chamber, abrasion resistant wear components and exceptionally high knife tip cutting force ensure low noise and vibration, reduced 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 (mm)		4,191	4,496
M/C Width (mm)		1,956	1,956
M/C Height (mm)		3,454	3,454
M/C Weight (kg)		7,756	8,482
Floor Space (m <sup>2</sup> )		8.2	8.8
<b>PRODUCT SPECIFICATIONS</b>			
Drive		Electric	Electric
Number of Motors		2	2
Power (kw)		112-149	112-149
Voltage		208-600	208-600
Hertz		50/60	50/60
Knife Thickness (STD) (mm)		25.4 30.2 38.1 47.6	25.4 30.2 38.1 47.6
Number of Knives		96 80 64 48	120 100 80 60
Knife Diameter (M/S) (mm)		391	391
Hex Size (M/S) (mm)		160	160
Distance Between Shafts (M/S) (mm)		321/772	321/772
Cutting Chamber (mm)		1,041 x 1,207	1,041 x 1,499
Discharge Height (mm)		1,524	1,524
Hopper Height (mm)		965	965
Stand Opening (Width) (mm)		1,372	1,372
Stand Opening (Length) (mm)		1,956	2,261
<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			



Product specifications subject to change without notice.

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