

# STQ-50

## 4-Shaft Shredder

The STQ-50 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-50

## 4-Shaft Shredder

The STQ-50 is designed to process bulk materials and manufactured products, reducing them to a uniform particle size in a single pass.

SHREDDER TECHNICAL SPECIFICATIONS	STQ-50ES	STQ-50E	STQ-50EL
<b>MEASUREMENTS</b>			
M/C Length	126"	136"	146"
M/C Width	55"	55"	55"
M/C Height	109"	109"	109"
M/C Weight	6200 lbs	6900lbs	7600 lbs
Floor Space (sq. ft.)	48	52	56
<b>PRODUCT SPECIFICATIONS</b>			50/60
Drive	Electric	Electric	Electric
Number of Motors	2	2	2
Horsepower	50	50	50
Voltage	208-600	208-600	208-600
Hertz	50/60	50/60	50/60
Knife Thickness (STD)	7/8" 1 3/16"	7/8" 1 3/16"	7/8" 1 3/16"
Number of Knives	72 48	96 64	120 80
Knife Diameter (M/S)	12 1/4"/10 1/2"	12 1/4"/10 1/2"	12 1/4"/10 1/2"
Hex Size (M/S)	4 1/2"/ 3 3/8"	4 1/2"/ 3 3/8"	4 1/2"/ 3 3/8"
Distance Between Shafts (M/S)	9 1/2"/20 1/2	9 1/2"/20 1/2	9 1/2"/20 1/2
Cutting Chamber	29"x28"	39"x28"	49"x28"
Discharge Height	42"	42"	42"
Hopper Height	43"	43"	43"
Stand Opening (Width)	38"	38"	38"
Stand Opening (Length)	54"	54"	54"
<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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