

# STQ-75

## 4-Shaft Shredder

The STQ-75 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-75

## 4-Shaft Shredder

The STQ-75 is designed to process bulk materials and manufactured products, reducing them to a uniform particle size in a single pass.

SHREDDER TECHNICAL SPECIFICATIONS	STQ-75ES	STQ-75E	STQ-75EL
<b>MEASUREMENTS</b>			
M/C Length	135"	145"	155"
M/C Width	73"	73"	73"
M/C Height	132"	132"	132"
M/C Weight	13,600 lbs	14,600 lbs	15,600 lbs
Floor Space (sq. ft.)	68	74	79
<b>PRODUCT SPECIFICATIONS</b>			50/60
Drive	Electric	Electric	Electric
Number of Motors	1	1	1
Horsepower	60-80	60-80	60-80
Voltage	208-600	208-600	208-600
Hertz	50/60	50/60	50/60
Knife Thickness (STD)	7/8" 1 3/16" 1 1/2"	7/8" 1 3/16" 1 1/2"	7/8" 1 3/16" 1 1/2"
Number of Knives	96 64 48	120 80 60	144 96 72
Knife Diameter (M/S)	13 3/8"	13 3/8"	13 3/8"
Hex Size (M/S)	5 1/2" / 4 1/2"	5 1/2" / 4 1/2"	5 1/2" / 4 1/2"
Distance Between Shafts (M/S)	11/26 1/2	11/26 1/2	11/26 1/2
Cutting Chamber	39"x35 1/4"	48 1/2"x35 1/4"	58"x35 1/4"
Discharge Height	60"	60"	60"
Hopper Height	38"	38"	38"
Stand Opening (Width)	46"	46"	46"
Stand Opening (Length)	50"	60"	70"
<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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