

STQ-LINE

4 SHAFT SHREDDERS



COMPLETE INFORMATION DESTRUCTION AND RECYCLING SOLUTIONS

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▶ 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.

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.

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.

	STQ-50			STQ-75			STQ-100	
TECHNICAL SPECIFICATIONS	STQ-50ES	STQ-50E	STQ-50EL	STQ-75ES	STQ-75E	STQ-75EL	STQ-100ES	STQ-100E
MEASUREMENTS								
M/C Length	126"	136"	146"	135"	145"	155"	165"	177"
M/C Width	55"	55"	55"	73"	73"	73"	77"	77"
M/C Height	109"	109"	109"	132"	132"	132"	136"	136"
M/C Weight	6200 lbs	6900 lbs	7600 lbs	13,600 lbs	14,600 lbs	15,600 lbs	17,100 lbs	18,700 lbs
Floor Space (sq.ft.)	48	52	56	68	74	79	88	95
PRODUCT SPECIFICATIONS								
Drive	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Number of Motors	2	2	2	1	1	1	2	2
Horsepower	50	50	50	60-80	60-80	60-80	150-200	150-200
Voltage	208-600	208-600	208-600	208-600	208-600	208-600	208-600	208-600
Hertz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Knife Thickness (STD)	7/8" 1 3/16"	7/8" 1 3/16"	7/8" 1 3/16"	7/8" 1 3/16" 1 1/2"	7/8" 1 3/16" 1 1/2"	7/8" 1 3/16" 1 1/2"	1" 1 3/16" 1 1/2" 1 7/8"	1" 1 3/16" 1 1/2" 1 7/8"
Number of Knives	72 48	96 64	120 80	96 64 48	120 80 60	144 96 72	96 80 64 48	120 100 80 60
Knife Diameter (M/S)	12 1/4" / 10 1/2"	12 1/4" / 10 1/2"	12 1/4" / 10 1/2"	13 3/8"	13 3/8"	13 3/8"	15 3/8"	15 3/8"
Hex Size (M/S)	4 1/2" / 3 3/8"	4 1/2" / 3 3/8"	4 1/2" / 3 3/8"	5 1/2" / 4 1/2"	5 1/2" / 4 1/2"	5 1/2" / 4 1/2"	6 5/16"	6 5/16"
Distance Between Shafts (M/S)	9 1/2" / 20 1/2"	9 1/2" / 20 1/2"	9 1/2" / 20 1/2"	11" / 26 1/2"	11" / 26 1/2"	11" / 26 1/2"	12 5/8" / 30 3/8"	12 5/8" / 30 3/8"
Cutting Chamber	29" x 28"	39" x 28"	49" x 28"	39" x 35 1/4"	48 1/2" x 35 1/4"	39" x 35 1/4"	41" x 47 1/2"	41" x 59"
Discharge Height	42"	42"	42"	60"	60"	60"	60"	60"
Hopper Height	43"	43"	43"	38"	38"	38"	38"	38"
Stand Opening (Width)	38"	38"	38"	46"	46"	46"	54"	54"
Stand Opening (Length)	54"	54"	54"	50"	60"	70"	77"	89"
OPTIONAL FEATURES								
<ul style="list-style-type: none">PLC Interfacing for Peripheral EquipmentCustom Stands and HoppersFeed and Discharge ConveyorsPneumatic or Hydraulic RamExplosion Proof MotorsModem Capabilities	<div><h3>MAINTENANCE</h3><p>Simplified modular construction reduces the number of major components and increases parts commonality; thus reducing spare parts requirements. Bulk head 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.</p></div>							