



ST-50

2-Shaft Shredder

The ST-50 is designed for maximum use with a wide range of materials and optimum shred size.

SHREDDER TECHNICAL SPECIFICATIONS	ST-50E	ST-50EL
MEASUREMENTS		
M/C Length	110"	120"
M/C Width	45"	45"
M/C Height	107"	107"
M/C Weight (lbs)	5,200	5,500
Floor Space (sq.ft.)	34	38
PRODUCT SPECIFICATIONS		
Drive	Electric	Electric
Number of Motors	2	2
Horsepower	40-50	40-50
Voltage (3 Phase)	208-600	208-600
Hertz	50/60	50/60
Knife Thickness (STD)	5/8" 7/8" 1 3/16"	5/8" 7/8" 1 3/16"
Number of Knives	80 60 40	80 60 40
Knife Diameter	10"	10"
Hex Size	3 3/8"	3 3/8"
Distance Between Shafts	7 1/2"	7 1/2"
Cutting Chamber	50" x 21"	50" x 21"
Discharge Height	40"	40"
Hopper Height	44"	44"
Hopper Opening	40" x 40"	50" x 40"
Stand Opening	21"	21"
Stand Opening	75"	75"
OPTIONAL FEATURES		
PLC Interfacing for Peripheral Equipment		
Custom Stands and Hoppers		
Feed and Discharge Conveyors		
Pneumatic or Hydraulic Ram		
Truck Mounted		
Vibrating, Magnetic or Rotary Separation		
Airveying Discharge		
Trommel Rinse Systems		
Explosion Proof Motors		
Modem Capabilities		
MAINTENANCE		
<p>Several design refinements proven successful to increase ease of maintenance and shredder durability in Shred-Tech's model line up have been incorporated into the ST-50 shredder. The new torque tube body design, in combination with increases in shaft hex thickness, knife diameter and spacer thickness, have resulted in superior durability and higher service factors. Bulkhead walls and labyrinth barriers at either end of the cutting chamber provide excellent bearing and seal protection. Sectional cleaning fingers, which are removable from the top, and 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>		

Product specifications subject to change without notice.

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