

# ST-25

## 2-SHAFT SHREDDER

Compact size and superior performance makes this model ideal for any shredding company.

The ST-25's applications include: molded car parts, circuit boards, consumer products, hard drives, confidential documents, sharps, medical waste and many more.

## STANDARD FEATURES

### ▶ CUTTING CHAMBER

The ST-25 is available in three cutting chamber sizes: 16" x 13 3/4", 16" x 27 1/2" and 16" x 34 1/2", enabling it to handle a wide range of product sizes.

### ▶ KNIVES

Shred-Tech Engineers have designed each knife profile and configuration to suit the application for maximum throughput and optimum shred size.

### ▶ DRIVE SYSTEM

The ST-25 shredder is available with a wide range of gear reduced drive ratios fitted with 15, 20, or 25 HP electric motors.

### ▶ CONTROL PANEL

The ST-25 control panel, designed and fabricated by certified Shred-Tech technicians, features illuminated function buttons, keyed power switch, fused lockable disconnect, hour meter and a programmable logic controller for shredder functions, including knife reversal on overload.

### ▶ HOPPER AND STANDS

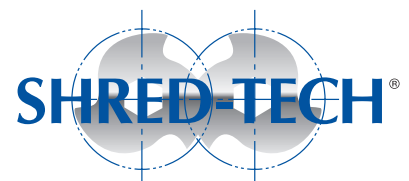
Quality is evident in the workmanship of Shred-Tech's extra heavy duty stand and hopper. As an option, the stand and hopper can be modified to suit the application or installation.

### ▶ HEX SHAFTS

The unique design of the machined hex shafts maximizes knife placement options and allows for easy knife removal and machine maintenance. Size for size, the hex shaft is several times stronger than a keyed shaft. The Shred-Tech hex shaft drive system offers the highest knife-tip cutting force of any comparable shredder on the market.



The ST-25 is designed for maximum use with a wide range of materials and optimum shred size.





TECHNICAL SPECIFICATIONS	ST-25ES	ST-25E	ST-25EL
<b>MEASUREMENTS</b>			
M/C Length	68"	82"	89"
M/C Width	27"	27"	27"
M/C Height	78"	78"	78"
M/C Weight	2,000 lbs	2,300 lbs	2,500 lbs
Floor Space (sq.ft.)	13	16	17
<b>PRODUCT SPECIFICATIONS</b>			
Drive	Electric	Electric	Electric
Number of Motors	1	1	1
Horsepower	15-25 HP	15-25 HP	15-25 HP
Voltage	208-600	208-600	208-600
Hertz	50/60	50/60	50/60
Knife Thickness (STD)	3/8", 5/8", 7/8", 1 3/16"		
Number of Knives	36, 20, 16, 12	72, 40, 32, 24	90, 50, 40, 30
Knife Diameter	7 3/4"	7 3/4"	7 3/4"
Hex Size	2 11/16"	2 11/16"	2 11/16"
Distance Between Shafts	5 7/8"	5 7/8"	5 7/8"
Cutting Chamber	16"x13 3/4"	16"x27 1/2"	16"x34 1/2"
Discharge Height	40"	40"	40"
Hopper Height	20"	20"	20"
Stand Opening (width)	21"	21"	21"
Stand Opening (length)	30"	44"	51"

- OPTIONAL FEATURES**
- PLC Interfacing for Peripheral Equipment
  - Custom Stands and Hoppers
  - Feed and Discharge Conveyors
  - Pneumatic or Hydraulic Ram
  - Explosion Proof Motors
  - Modem Capabilities
  - Magnetic or Eddy Current Separators
  - Hydraulic Drive Options

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### MAINTENANCE

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-25 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.

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