

# ST-75

## 2-SHAFT SHREDDER

Medium-sized shredder model equipt with a larger cutting chamber to destroy bulkier material in minutes.

The ST-75's revolutionary design allows it to easily shred metals, paper, green waste, medical waste, plastics, light e-waste and more.

## STANDARD FEATURES

### ▶ CUTTING CHAMBER

The ST-75 shredder is offered in four cutting chamber sizes, 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-75 shredder is available with a wide range of gear reduced electric or hydraulic drives. The electric model has one or two motors. The hydraulic model is equipped with high torque, low speed multi-cam, radial piston motors.

### ▶ CONTROL PANEL

The ST-75 control panel, designed and fabricated by certified Shred-Tech technicians, features HMI touch screen, 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-75 is valued for its versatility in efficiently shredding an extensive variety of products.





## TECHNICAL DATA

ST-75ES

ST-75E

ST-75EL

### Overall Machine Measurements

Length	113 in 2.87 m	125 ½ in 3.18 m	138 in 3.50 m
Width	47 ½ in 1.20 m	47 ½ in 1.20 m	47 ½ in 1.20 m
Height	147 ½ in 3.75 m	147 ½ in 3.75 m	147 ½ in 3.75 m
Weight	7,600 lbs 3,434 kg	8,250 lbs 3,722 kg	8,900 lbs 4,020 kg
Floor Space	38 ft² 3.5 m²	41 ft² 3.8 m²	45 ft² 4.2 m²

### Shredder Specifications

Drive	Electric	Electric	Electric
Number of Motors	1 or 2	1 or 2	1 or 2
Total Motor Power	30-120 hp 22-74 kW	30-120 hp 22-74 kW	30-120 hp 22-74 kW
Voltage	208-600	208-600	208-600
Hertz	60/50	60/50	60/50
Cutting Chamber (lxw)	37x25 in 0.96x0.64 m	50x25 in 1.28x0.64 m	62x25 in 1.59x0.64 m
Stand Opening (height)	55 in 1.40 m	55 in 1.40 m	55 in 1.40 m
Stand Opening (width)	25 in 0.64 m	25 in 0.64 m	25 in 0.64 m
Stand Opening (length)	60 in 1.51 m	72 in 1.82 m	84 ½ in 2.14 m

### Optional Features

- Pneumatic or hydraulic ram
- Custom stands and hoppers
- Feed and discharge conveyors
- PLC interfacing for peripheral equipment
- Explosion-Proof motors
- Modem capabilities
- Hydraulic drive Options
- Magnetic or eddy current separators

## Maintenance

Experience the next level of convenience and heightened shredder durability with the ST-75, integrating proven design refinements taken from Shred-Tech's in-field system installations. Our durable steel body design, coupled with bulkhead walls and labyrinth barriers at both ends of the cutting chamber, not only ensures exceptional bearing and seal protection but also delivers unmatched durability and elevated serviceability. Effortlessly dismantle the cutting chamber with the help of sectional cleaning fingers, which can be easily removed from the top, along with a lightweight chamber plate.

Streamline your maintenance process and replace bearings or seals without the need of gearbox disassembly. Elevate your shredding experience with a machine designed for lasting performance and hassle-free maintenance. Every Shred-Tech is built to run for years to come.

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## 2-SHAFT SHREDDER

The ST-75 is crafted to achieve the ideal shred size and to provide maximum efficiency when handling a diverse array of materials.

### COMPLETE INFORMATION DESTRUCTION AND RECYCLING SOLUTIONS

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