

# ST-300

## 2-SHAFT SHREDDER

Industrial shredder with a higher throughput for product destruction.

The ST-300's applications include municipal and industrial waste, metals, paper, plastics, e-waste and various other applications. It does more, so you can DO MORE!

## STANDARD FEATURES

### ▶ CUTTING CHAMBER

The ST-300 shredders are available in three large cutting chamber 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-300 shredder is available with dual or electric motors.

### ▶ CONTROL PANEL

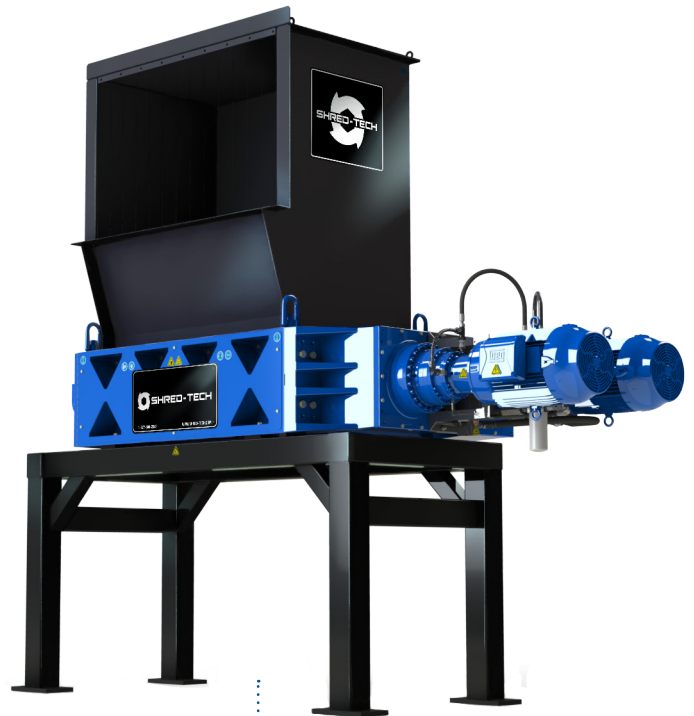
The ST-300 control panel, designed and fabricated by certified Shred-Tech technicians, features HMI touch screen, keyed power switch, fused lockable disconnect, hour meter and a programmable logic controller for shredder functions, including knife reversal on overload.

### ▶ HOPPER AND STANDS

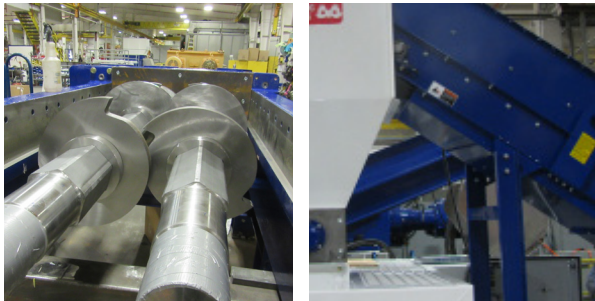
Quality is evident in the workmanship of Shred-Tech's extra heavy duty stand and hopper. As an option, the stand and hopper can be modified to suit the application or installation.

### ▶ 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-300 is designed for optimal shred size and maximum use for a wide range of materials.



## TECHNICAL DATA

ST-300ES

ST-300E

ST-300EL

### Overall Machine Measurements

Length	155 in 3.94 m	167 in 4.24 m	178 in 4.52 m
Width	81 in 2.05 m	81 in 2.05 m	81 in 2.05 m
Height	130 ½ in 3.31 m	130 ½ in 3.31 m	130 ½ in 3.31 m
Weight	23,200 lbs 10,521 kg	23,850 lbs 10,814 kg	24,500 lbs 11,139 kg
Floor Space	87 ft² 8.1 m²	94 ft² 8.7 m²	100 ft² 9.3 m²

### Shredder Specifications

Drive	Electric	Electric	Electric
Number of Motors	1 or 2	1 or 2	1 or 2
Total Motor Power	60-200 hp 45-150 kW	60-200 hp 45-150 kW	60-200 hp 45-150 kW
Voltage	208-600	208-600	208-600
Hertz	60/50	60/50	60/50
Cutting Chamber (lwx)	53x40 in 1.35 x1.00 m	65x40 in 1.66x1.00 m	76x40 in 1.93x1.00 m
Stand Opening (height)	50 in 1.27 m	50 in 1.27 m	50 in 1.27 m
Stand Opening (width)	54 in 1.37 m	54 in 1.37 m	54 in 1.37 m
Stand Opening (length)	88 in 2.24 m	100 in 2.54 m	111 in 2.82 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-300, 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-300 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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