

ST-400

2-SHAFT SHREDDER

Heavy Duty Shredder meant to reduce large and oversized items to a specific shred size.

The ST-400's applications include solar panels, auto and truck tires, ore, metals, plastic and e-waste. It does more so you can do MORE!

STANDARD FEATURES

▶ CUTTING CHAMBER

The ST-400 shredders are available in four 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-400 shredder is available with dual electric motors.

▶ CONTROL PANEL

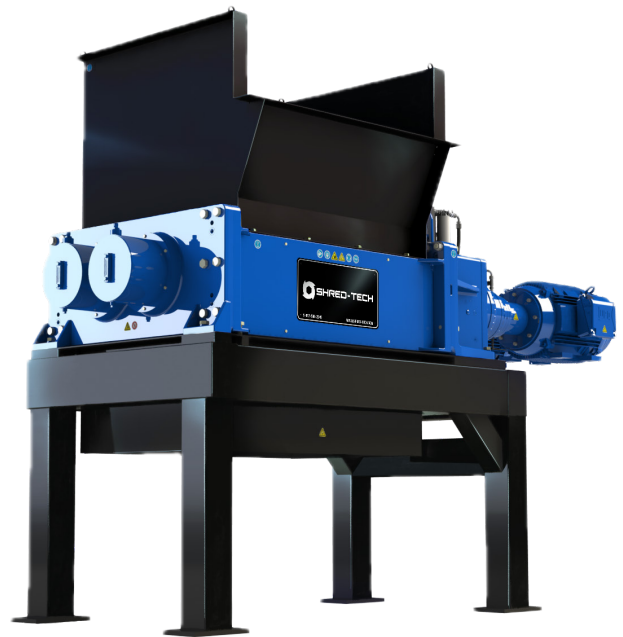
The ST-400 control panel, designed and fabricated by certified Shred-Tech technicians, features HMI touch screen, keyed power switch, fused lockable disconnect, hour meter and a programmable logic controller for shredder functions, including knife reversal on overload.

▶ 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-400 has one of the largest cutting chamber of all the Shred-Tech ST Models.



TECHNICAL DATA

	ST-400ES	ST-400E	ST-400EL	ST-400EXL
Overall Machine Measurements				
Length	161 in 4.09 m	173 in 4.39 m	183 ½ in 4.66 m	195 in 4.95 m
Width	90 in 2.29 m	90 in 2.29 m	90 in 2.29 m	90 in 2.29 m
Height	135 in 3.43 m	135 in 3.43 m	135 in 3.43 m	135 in 3.43 m
Weight	28,000 lbs 12,641 kg	29,500 lbs 13,345 kg	31,700 lbs 14,382 kg	33,300 lbs 15,080 kg
Floor Space	100 ft² 9.3 m²	108 ft² 10 m²	115 ft² 10.7 m²	122 ft² 11.3 m²

Shredder Specifications

Drive	Electric	Electric	Electric	Electric
Number of Motors	1 or 2	1 or 2	1 or 2	1 or 2
Total Motor Power	75-250 hp 55-150 kW	75-250 hp 55-150 kW	75-250 hp 55-180 kW	75-250 hp 55-150 kW
Voltage	208-600	208-600	208-600	208-600
Hertz	60/50	60/50	60/50	60/50
Cutting Chamber	53x46 in 1.35x1.17 m	65x46 in 1.66x1.17 m	76x46 in 1.93x1.17 m	87x46 in 2.21x1.17 m
Stand Opening (height)	53 in 1.35 m	53 in 1.35 m	53 in 1.35 m	53 in 1.35 m
Stand Opening (width)	72 in 1.83 m	72 in 1.83 m	72 in 1.83 m	72 in 1.83 m
Stand Opening (length)	87 in 2.21 m	99 in 2.52 m	110 in 2.79 m	121 in 3.08 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
- Magnetic or eddy current separators
- Hydraulic drive options

Maintenance

Experience the next level of convenience and heightened shredder durability with the ST-400, 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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The ST-400 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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