

ST-700

2-SHAFT SHREDDER

Precision-engineered heavy-duty torque shear shredder.

The ST-700 is specifically designed for bulkier materials such as rigid polymers, copper anodes, engine blocks, baled ubc, carpets and more.

STANDARD FEATURES

▶ CUTTING CHAMBER

The large cutting chamber allows for higher throughputs of bulky material.

▶ 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-700 shredder has two electric motors for a combined horsepower of 400.

▶ CONTROL PANEL

The ST-700 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

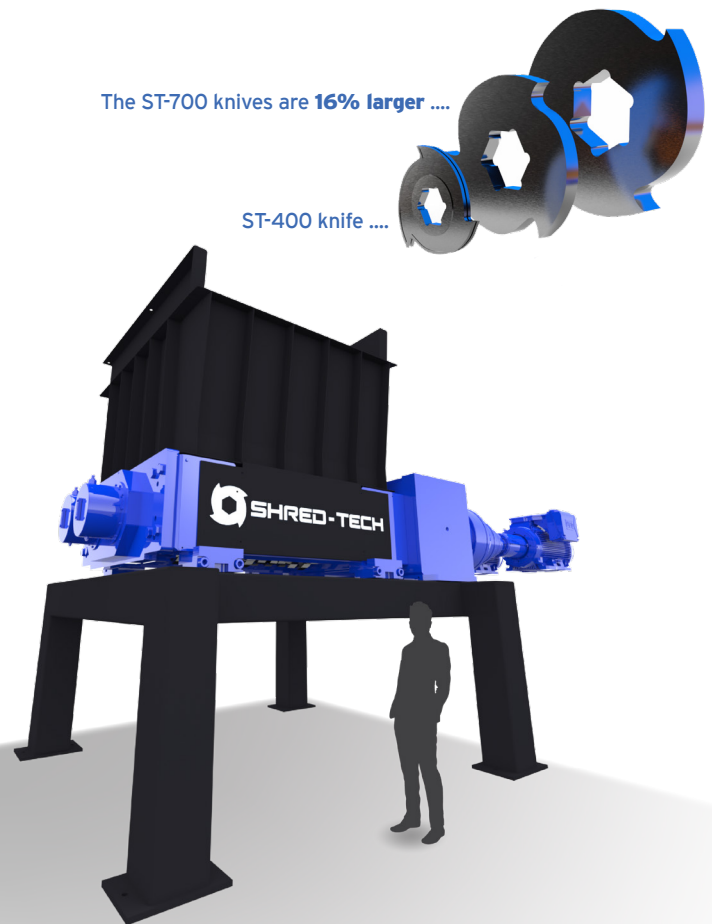
Quality is evident in the workmanship of Shred-Tech's extra heavy duty stand and hopper. As an option, the stand and hopper can be modified to suit the application or installation.

▶ 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-700 knives are **16% larger** ...

ST-400 knife ...



The ST-700 uses planetary gearboxes to convert speed into power allowing you to accomplish more.



TECHNICAL DATA

ST-700E

Machine Measurements

Length	241" 6.1 m
Width	94" 2.4 m
Height	134" 3.4 m
Weight	52,000 lbs 23,500 kg
Floor Space	157 ft ² 15 m ²

Machine Specifications

Drive	Electric/Hydraulic
Number of Motors	2
Horsepower	300-500 hp 220-370 kW
Voltage	208-600
Hertz	50/60
Cutting Chamber	78 x 52" 2 x 1.3 m
Discharge Height	65" 1.7 m
Hopper Height	95" 2.4 m

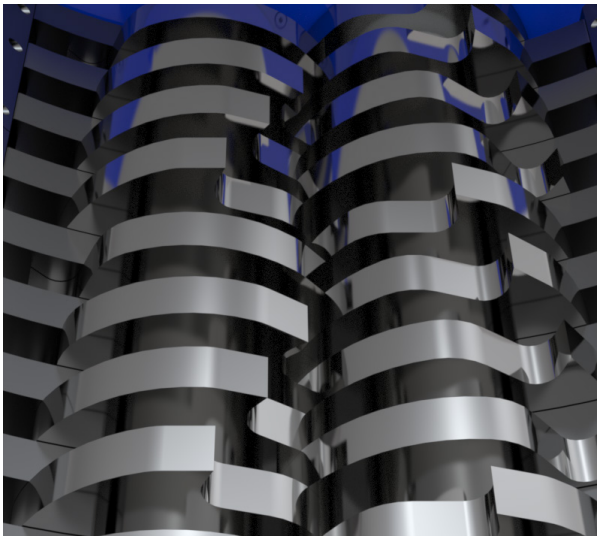
Optional Features

- 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-700, 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-700 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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