

ST-1200

2-SHAFT SHREDDER

Our largest and most powerful high torque shear shredder

The ST-1200 is specifically designed for high shock load and severe duty applications such as OTR tires, magnesium ingots and castings, high volume municipal & industrial waste, oversized bulky waste, copper wire, steel wire, cable, baled aluminum scrap, and other applications. It does more, so you can DO MORE!

STANDARD FEATURES

▶ CUTTING CHAMBER

Considered the largest and most powerful high torque shear shredder in the Shred-Tech line-up with a 78" cutting chamber.

▶ 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-1200 shredder has two electric or hydraulic motors for a combined 500 horsepower.

▶ CONTROL PANEL

The ST-1200 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.

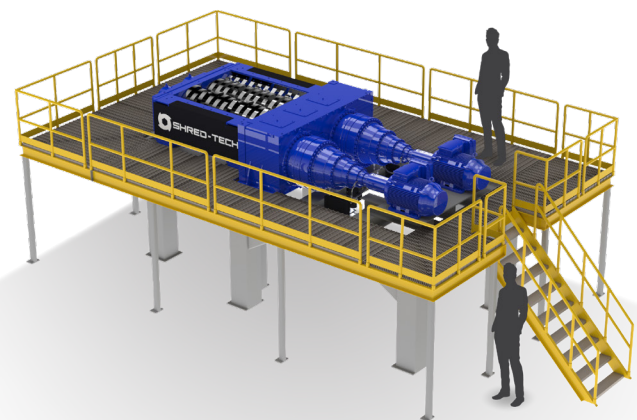
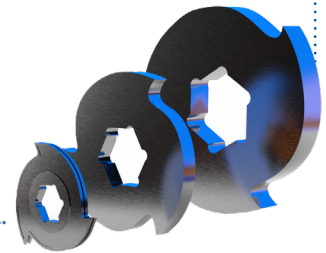
▶ HOPPER AND STANDS

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-1200 knives are **47% larger**.....



The ST-1200 is designed for high shock load and severe duty applications.

TECHNICAL DATA

ST-1200

Machine Measurements

Length	265" 6.73 m
Width	120" 3.05 m
Height	160" 4.06 m
Weight	90,500 lbs 41,000 kg
Floor Space	221 ft ² 21 m ²

Machine Specifications

Drive	Electric/Hydraulic
Number of Motors	2
Horsepower	500-600 hp 300-373 kW
Voltage	208-600
Hertz	50/60
Cutting Chamber	78 x 64" 2 x 1.63 m
Discharge Height	65" 1.7 m
Hopper Height	95" 2.4 m

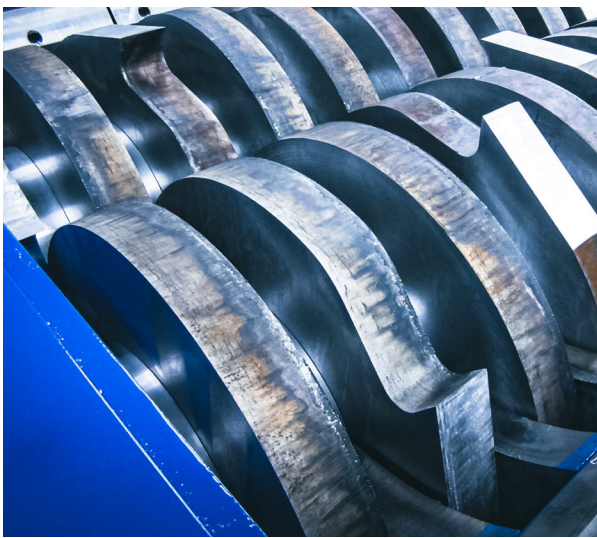
Optional Features

- Pneumatic or hydraulic ram
- Custom stands and hoppers
- Feed and discharge conveyors
- PLC interfacing for peripheral equipment-
- Sealed for gas or liquid environments
- Reduced voltage starters
- Explosion-Proof motors
- Modem capabilities
- Hydraulic drive options
- Magnetic or eddy current separators
- Vibrating or rotary separators
- Boom crane and working platform

Maintenance

Experience the next level of convenience and heightened shredder durability with the ST-1200, 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 durability and elevated serviceability. 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-1200 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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