

ST-150 2-Shaft Shredder

The ST-150 is capable of shredding steel drums, castings and scrap metals, municipal and industrial waste, hazardous waste, pallets, wood waste, auto and truck tires, industrial parts, consumer & commercial electronics and other materials.

It does more so you can **DO MORE!**

STANDARD FEATURES

CUTTING CHAMBER

The ST-150 shredders offer a large cutting chamber, 60" x 40", enabling it to handle a wide range of product sizes.

DRIVE SYSTEM

The ST-150 is available with a wide range of gear reduced electric or hydraulic drives. The electric model has two 100 HP motors. The hydraulic model is equipped with high torque, low speed, multi-cam, radial piston motors.

KNIVES

Shred-Tech engineers design each knife profile and configuration to suit the material for maximum throughput and optimum shred size.

CONTROL PANEL

The ST-150 control panel, designed and fabricated by certified Shred-Tech technicians, features illuminated function buttons, keyed power switch, fused lockable disconnect, hour meter, and 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.





ST-150

2-Shaft Shredder

The ST-150 is designed for maximum use with a wide range of materials and optimum shred size.

SHREDDER TECHNICAL SPECIFICATIONS		ST-150E	ST-150H
MEASUREMENTS			
M/C Length		177"	130"
M/C Width		65"	65"
M/C Height		105"	105"
M/C Weight		27,500 lbs	22,400 lbs
Floor Space (sq.ft.)		80	59
PRODUCT SPECIFICATIONS			
Drive		Electric	Hydraulic
Number of Motors		2	2
Horsepower Range		200 HP	200-300 HP
Voltage		208-600	208-600
Hertz		50/60	50/60
Knife Thickness (STD)		1 1/2" 1 7/8" 2 1/2"	1 1/2" 1 7/8" 2 1/2"
Number of Knives		40 32 24	40 32 24
Knife Diameter		20"	20"
Hex Size		6 5/8"	6 5/8"
Distance Between Shafts		15"	15"
Cutting Chamber		60" x 40"	60" x 40"
Discharge Height		40"	40"
Hopper Height		37"	37"
Hopper Opening		60" x 60"	60" x 60"
Stand Opening (Width)		43"	43"
Stand Opening (Length)		95"	95"
OPTIONAL FEATURES			
PLC Interfacing for Peripheral Equipment			
Custom Stands and Hoppers			
Feed and Discharge Conveyors			
Pneumatic or Hydraulic Ram			
Modem Capabilities			
Vibrating, Magnetic or Rotary Separation			
Explosion Proof Motors			
Reduced Voltage Starters			
Skid or Trailer Mounted			
Boom Crane and Working Platform			
MAINTENANCE			
Several design refinements proven successful to increase ease of maintenance and shredder durability in Shred-Tech's model line up have been incorporated into the ST-150 shredder. The new torque tube body design, in combination with increases in shaft hex thickness, knife diameter and spacer thickness, have resulted in superior durability and higher service factors. Bulkhead walls and labyrinth barriers at either end of the cutting chamber provide excellent bearing and seal protection. Sectional cleaning fingers, which are removable from the top, and a light weight chamber plate ensures cutting chamber disassembly is quick and easy. Bearing and seal replacement is easily completed without the need of gearbox disassembly.			

Product specifications subject to change without notice.

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