

ST-75 2-Shaft Shredder

The ST-75's revolutionary design allows it to easily shred steel drums, auto tyres, castings, medical and hazardous waste, high volume confidential waste and many other materials.

It does more so you can DO MORE!

STANDARD FEATURES

CUTTING CHAMBER

The ST-75 shredder has a choice of cutting chamber size, 1,590 mm x 635 mm or 956 mm x 635 mm, enabling it to handle a wide range of product sizes.

DRIVE SYSTEM

The ST-75 comes with a variety of gear reduced electric or hydraulic drives. The electric model has two 22, 30 or 37 kw 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

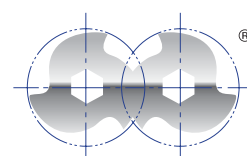
The ST-75 control panel, designed and fabricated by certified Shred-Tech technicians, features illuminated function buttons, keyed power switch, fused lockable disconnect, hour meter and a programmable logic controller for shredder functions, including knife reversal on overload.

HOPPER AND STANDS

Quality is evident in the workmanship of Shred-Tech's 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 maximises 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.



SHRED-TECH



ST-75

2-Shaft Shredder

The ST-75 is designed for maximum use with a wide range of materials and optimum shred size.

SHREDDER TECHNICAL SPECIFICATIONS	ST-75EL	ST-75E	ST-75H	ST-75ES	ST-75HS
MEASUREMENTS					
M/C Length (mm)	3,722	3,404	2,515	3,073	2,184
M/C Width (mm)	1295	1,295	1,295	1,295	1,295
M/C Height (mm)	2,667	2,667	2,667	2,667	2,667
M/C Weight (kg)	4,173	3,810	3,130	3,447	2,767
Floor Space (m ²)	4.8	4.5	3.3	4.0	2.9
PRODUCT SPECIFICATIONS					
Drive	Electric	Electric	Hydraulic	Electric	Hydraulic
Number of Motors	2	2	2	2	2
Power (kw)	45-75	45-75	56	45-75	56
Voltage	208-600	208-600	208-600	208-600	208-600
Hertz	50/60	50/60	50/60	50/60	50/60
Knife Thickness (STD) (mm)	15.9 25.4 38.1	15.9 25.4 38.1	15.9 25.4 38.1	15.9 25.4 38.1	15.9 25.4 38.1
Number of Knives	90 60 40	72 48 32	72 48 32	54 36 24	54 36 24
Knife Diameter (mm)	318	318	318	318	318
Hex Size (mm)	110	110	110	110	110
Distance Between Shafts (mm)	240	240	240	240	240
Cutting Chamber (mm)	1,590 x 635	1,273 x 635	1,273 x 635	956 x 635	956 x 635
Discharge Height (mm)	1,067	1,067	1,067	1,067	1,067
Hopper Height (mm)	864	864	864	864	864
Hopper Opening (mm)	1,575 x 1,168	1,270 x 1,168	1,270 x 1,168	965 x 1,168	965 x 1,168
Stand Opening (Width) (mm)	635	635	635	635	635
Stand Opening (Length) (mm)	2,235	1,930	1,930	1,626	1,626
OPTIONAL FEATURES					
PLC Interfacing for Peripheral Equipment					
Custom Stands and Hoppers					
Feed and Discharge Conveyors					
Pneumatic or Hydraulic Ram					
Modem Capabilities					
Trailer Mounted					
Vibrating, Magnetic or Rotary Separation					
Reduced Voltage Starters					
Service Platform					
Explosion Proof Motors					

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-75 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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