

ST-25 2-Shaft Shredder

The ST-25's applications include moulded car parts, circuit boards, consumer products, hard drives, confidential documents, sharps, medical waste and various other applications.

It does more so you can DO MORE!

STANDARD FEATURES

CUTTING CHAMBER

The ST-25 is available in three cutting chamber sizes, 406 mm x 349 mm, 406 mm x 699 mm and 406 mm x 876 mm, enabling it to handle a wide range of product sizes.

DRIVE SYSTEM

The ST-25 shredder has a wide range of gear reduced drive ratios fitted with 11 kw, 15 kw or 19 kw electric motors.

KNIVES

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

CONTROL PANEL

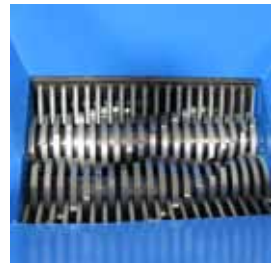
The ST-25 control panel, designed and fabricated by certified Shred-Tech technicians, features illuminated function buttons, keyed power switch, fused lockable disconnect, hour meter, and programmable logic controller for shredder functions, including knife reversal on overload.

HOPPER AND STANDS

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





ST-25

2-Shaft Shredder

The ST-25 is designed for maximum use with a wide range of materials and optimum shred size.

SHREDDER TECHNICAL SPECIFICATIONS	ST-25ES	ST-25E	ST-25EL
MEASUREMENTS			
M/C Length (mm)	1,727	2,083	2,261
M/C Width (mm)	686	686	686
M/C Height (mm)	1,981	1,981	1,981
M/C Weight (kg)	907	1,043	1,134
Floor Space (m ²)	1.2	1.5	1.6
PRODUCT SPECIFICATIONS			
Drive	Electric	Electric	Electric
Number of Motors	1	1	1
Power (kw)	11-19	11-19	11-19
Voltage	208-600	208-600	208-600
Hertz	50/60	50/60	50/60
Knife Thickness (STD) (mm)	9.5 15.9 22.2 30.2	9.5 15.9 22.2 30.2	9.5 15.9 22.2 30.2
Number of Knives	36 20 16 12	72 40 32 24	90 50 40 30
Knife Diameter (mm)	197	197	197
Hex Size (mm)	68	68	68
Distance Between Shafts (mm)	149	149	149
Cutting Chamber (mm)	349 x 406	699 x 406	876 x 406
Discharge Height (mm)	1,016	1,016	1,016
Hopper Height (mm)	508	508	508
Stand Opening (Width) (mm)	533	533	533
Stand Opening (Length) (mm)	762	1,118	1,295
OPTIONAL FEATURES			
PLC Interfacing for Peripheral Equipment			
Custom Stands and Hoppers			
Feed and Discharge Conveyors			
Pneumatic or Hydraulic Ram			
Vibrating, Magnetic or Rotary Separation			
Airveying Discharge			
Trommel Rinse System			
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-25 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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