

ST-400 2-Shaft Shredder

The ST-400's applications include steel drums, auto and truck tyres, castings, municipal & industrial waste, medical & hazardous waste, pallets, mattresses, wood waste, high volume production processing and various other applications.

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

STANDARD FEATURES

CUTTING CHAMBER

The ST-400 shredders are available in three large cutting chamber sizes.

DRIVE SYSTEM

The ST-400 shredder is available with two 56, 75 or 112 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-400 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-400 2-Shaft Shredder

The ST-400 is designed for maximum use with a wide range of materials and optimum shred size.

Product specifications subject to change without notice.

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>> SHRED-TECH. COMPLETE INFORMATION DESTRUCTION AND RECYCLING SOLUTIONS.

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SHREDDER TECHNICAL SPECIFICATIONS	ST-400ES	ST-400E	ST-400EL	ST-400EXL
MEASUREMENTS				
M/C Length (mm)	4,357	4,662	4,931	5,222
M/C Width (mm)	1,956	1,956	1,956	1,956
M/C Height (mm)	4,064	4,064	4,064	4,064
M/C Weight (kg)	13,608	14,969	15,876	17,236
Floor Space (m ²)	8.4	8.9	9.3	9.8
PRODUCT SPECIFICATIONS				
Drive	Electric	Electric	Electric	Electric
Number of Motors	2	2	2	2
Power (kw)	112-224	112-224	112-224	112-224
Voltage - 3 Phase	208-600	208-600	208-600	208-600
Hertz	50/60	50/60	50/60	50/60
Knife Thickness (STD) (mm)	38.1 47.6 73.0 76.2	38.1 47.6 73.0 76.2	38.1 47.6 73.0 76.2	38.1 47.6 73.0 76.2
Number of Knives	35 28 22 18	43 34 27 22	50 40 31 26	57 46 36 30
Knife Diameter (mm)	578	578	578	578
Hex Size (mm)	203	203	203	203
Distance Between Shafts (mm)	432	432	432	432
Cutting Chamber (mm)	1,346 x 1,168	1,651 x 1,168	1,905 x 1,168	2,210 x 1,168
Discharge Height (mm)	2,032	2,032	2,032	2,032
Hopper Height (mm)	1,016	1,016	1,016	1,016
Stand Opening (Width) (mm)	1,194	1,194	1,194	1,194
Stand Opening (Length) (mm)	2,161	2,997	3,531	3,835
OPTIONAL FEATURES				
PLC Interfacing for Peripheral Equipment				
Custom Stands and Hoppers				
Feed and Discharge Conveyors				
Pneumatic or Hydraulic Ram				
Vibrating, Magnetic or Rotary Separation				
Reduced Voltage Starters				
Trailer Mounted				
Explosion Proof Motors				
Modem Capabilities				
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-400 shredder. The cast steel body design, in combination with bulkhead walls and labyrinth barriers at either end of the cutting chamber, provide excellent bearing and seal protection. The end result is superior durability and higher service factors. 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.