

Shredder Applications

Steel Drums, Auto Tires, Castings, Municipal/Industrial Waste, Medical/Hazardous Waste, Pallets, Wood Waste, High Volume Production Processing, High Volume Confidential Documents, Aluminum Stamping Scrap, Light Electronic Scrap, etc.

Standard Features

Cutting Chamber | The ST-75 shredder has a choice of cutting chamber size, 50 1/8" X 25" or 37 5/8" X 25", offering greater flexibility for loading bulky wastes. Bulkheads eliminate the migration of debris into seals and bearings thus increasing overall shredder durability.

Drive System | This machine features electric, gear reduced drives or hydraulic drives. The electric model has two 30, 40 or 50 HP motors. The hydraulic model is equipped with high torque, low speed, multi-cam, radial piston motors. A common bull gear provides maximum transfer of power from both motors to either shaft for optimum efficiency.

Knives | Shred-Tech Engineers design each knife profile and configuration to suit the material for maximum throughputs 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 programmable logic control 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 force of any equivalent shredder on the market.

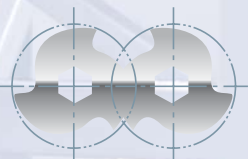
Maintenance | Several design refinements have been incorporated into the ST-75. The removable fingers from the hopper side, the sleeved bearings and the design of the hexed shafts facilitate ease of parts removal. The hopper mounting is configured to permit shredder disassembly without hopper removal. A Shred-Tech proprietary torque setting mechanism provides easy knife-stack tightening.

Optional Features

**PLC Interfacing for Peripheral Equipment | Custom Stand and Hopper
Pneumatic or Hydraulic Ram | Trailer Mounted | Vibrating, Magnetic
or Rotary Separation | Feed and Discharge Conveyors | Reduced Voltage Starters
Modem Capabilities | Service Platform | Nitrogen Blanketing | Explosion Proof Motors**

ST-75

Shredder for high volume mixed office paper and confidential document destruction.

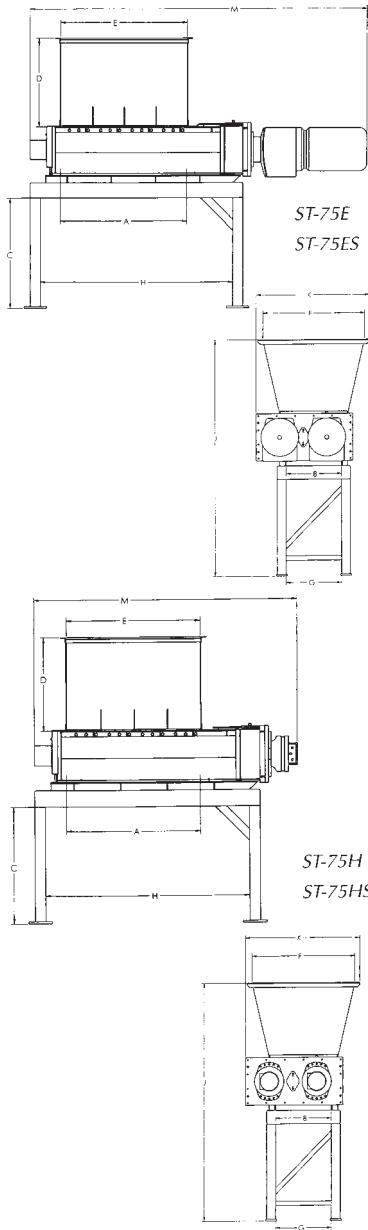


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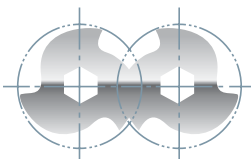
ST-75 SHREDDER



TECHNICAL SPECIFICATIONS

Shredder	ST-75E	ST-75H	ST-75ES	ST-75HS
Drive	Electric	Hydraulic	Electric	Hydraulic
Number of Motors	two	two	two	two
HP Range	60-100	75	60-100	75
Voltage - 3 Phase	208-600	208-600	208-600	208-600
Cycle	50/60	50/60	50/60	50/60
Number of Knives	72 48 32	72 48 32	54 36 24	54 36 24
Knife Thickness	5/8" 1" 1 1/2"	5/8" 1" 1 1/2"	5/8" 1" 1 1/2"	5/8" 1" 1 1/2"
Knife Diameter	12 1/2"	12 1/2"	12 1/2"	12 1/2"
Hex Size	4 5/16"	4 5/16"	4 5/16"	4 5/16"
Distance Between Shafts	9 7/16"	9 7/16"	9 7/16"	9 7/16"
Cutting Chamber A x B	50 1/8" x 25"	50 1/8" x 25"	37 5/8" x 25"	37 5/8" x 25"
Discharge Height C	42 3/4"	42 3/4"	42 3/4"	42 3/4"
Hopper Height D	34 1/2"	34 1/2"	34 1/2"	34 1/2"
Hopper Opening E x F	50 1/4" x 46"	50 1/4" x 46"	37 3/4" x 46"	37 3/4" x 46"
Stand Opening G	25"	25"	25"	25"
Stand Opening H	76 3/8"	76 3/8"	59 1/4"	59 1/4"
M/C Height J	105 1/4"	105 1/4"	105 1/4"	105 1/4"
M/C Width K	51 1/8"	51 1/8"	51 1/8"	51 1/8"
M/C Length M	133 3/8"	98 1/4"	120 15/16"	85 7/8"
M/C Weight (lbs)	8,400	6,900	7,600	6,100
Floor Space (sq. ft.)K x M	47.4	34.9	42.9	30.5

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