

Shredder Applications

Steel Drums, Castings and Scrap Metals, Municipal and Industrial Waste, Hazardous Waste, Pallets, Wood Waste, Auto and Truck Tires, Industrial Plastics, Consumer & Commercial Electronics, etc.

Standard Features

Cutting Chamber | The ST-150 shredders offer a large cutting chamber, 60" X 40". 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 100 HP motors and optional 150, 200 & 300 HP power units. The hydraulic model is equipped with high torque, low speed, multi-cam, radial piston motors and optional 150, 200 & 300 HP power units. 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 System | 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 control for shredder functions including knife reversal on overload.

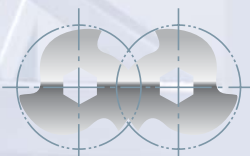
Hopper and Stands | Quality is evident in the workmanship of Shred-Tech's extra heavy-duty stand and hopper. As an option, the stand and hopper can be modified to suit the application or installation.

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-150. 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 | **Vibrating, Magnetic or Rotary Separation**
Feed and Discharge Conveyors | **Reduced Voltage Starters** | **Skid or Trailer Mounted**
Modem Capabilities | **Boom Crane and Working Platform** | **Explosion Proof Motors**



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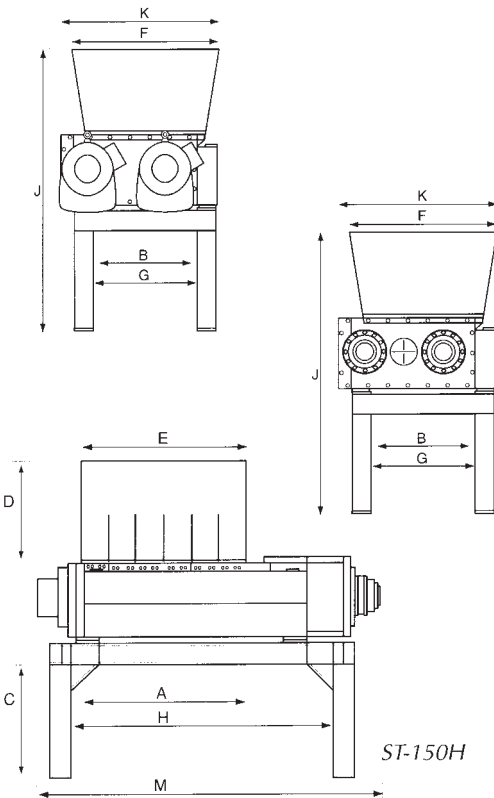
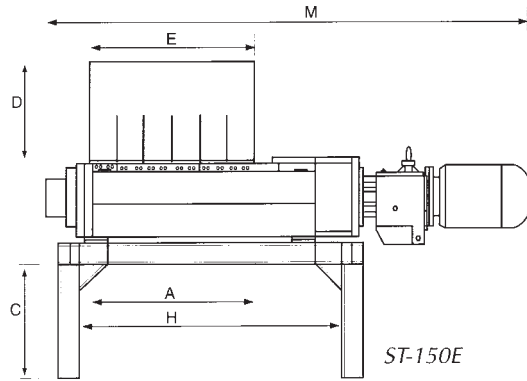


ST-150

Shredder for baled plastic film reduction.

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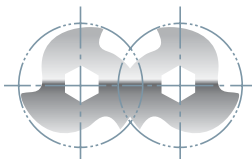
ST-150 SHREDDER



TECHNICAL SPECIFICATIONS

Shredder		ST-150E	ST-150H
Drive		Electric	Hydraulic
Number of Motors		two	two
HP Range		200	150-300
Voltage - 3 Phase		208-600	208-600
Cycle		50/60	50/60
Knife Thickness		1 1/2" 1 7/8" 2 1/2"	1 1/2" 1 7/8" 2 1/2"
Number of Knives		24 32 40	24 32 40
Knife Diameter		20"	20"
Hex Size		6 5/8"	5 5/8"
Distance Between Shafts		15"	15"
Cutting Chamber	A x B	60" x 40"	60" x 40"
Discharge Height	C	40"	40"
Hopper Height	D	37"	37"
Hopper Opening	E x F	60" x 60"	60" x 60"
Stand Opening	G	43"	43"
Stand Opening	H	85"	85"
M/C Height	J	105"	105"
M/C Width	K	65"	65"
M/C Length	M	177" (200HP)	130"
M/C Weight (lbs)		27,500	22,400
Floor Space (sq. ft.)	K x M	80	59

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