



SHRED-TECH ST-200 Shredder

Shredder Applications: *Steel Drums, Auto and Truck Tires, Castings, Municipal/Industrial Waste, Medical/Hazardous Waste, Pallets, Wood Waste, High Volume Production Processing, etc.*

Standard Features

Cutting Chamber The ST-200 shredders are available in three large cutting chamber sizes.

Drive System All machines in this series feature electric, gear reduced drives with a horsepower range from 150 HP to 300 HP. 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-200 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 shown in the fabrication 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. 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-200. 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

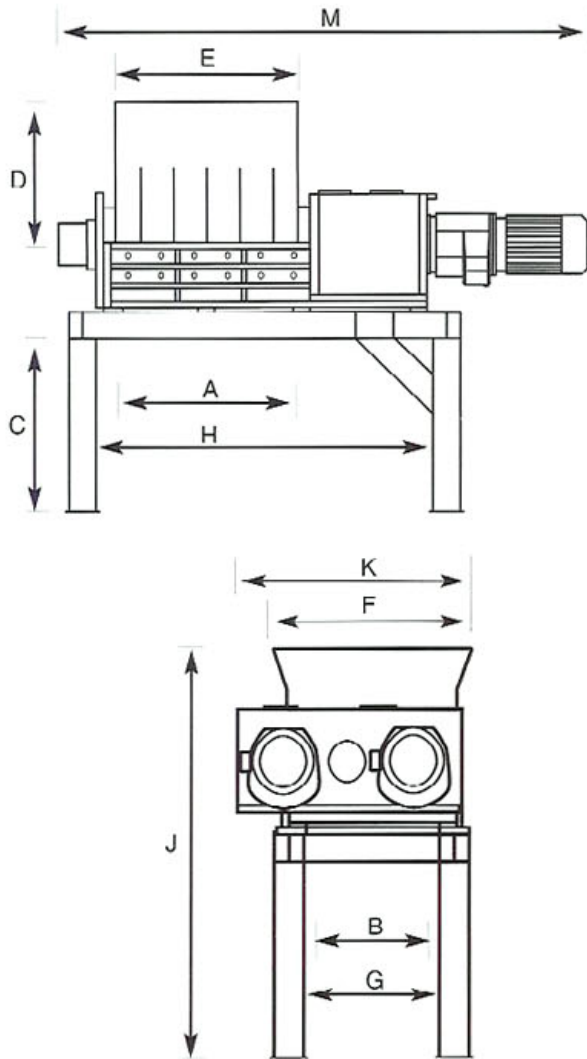
- PLC Interfacing for Peripheral Equipment
- Custom Stand and Hopper
- Pneumatic or Hydraulic Ram
 - Vibrating, Magnetic or Rotary Separation
 - Feed and Discharge Conveyors
- Reduced Voltage Starters
 - Trailer Mounted
 - Modem Capabilities
 - Boom Crane and Working Platform
- Explosion Proof Motors



ST-200E Tire Shredding System for producing tire derived fuel



SHRED-TECH ST-200 Shredder



ST-200ES, ST-200E, ST-200EL

Technical Specifications ST-200 Series

Shredder	ST-200ES	ST-200E	ST-200EL
Drive	Electric	Electric	Electric
Number of Motors	two	two	two
HP Range	150-300	150-300	150-300
Voltage	380-600	380-600	380-600
Cycle	50/60	50/60	50/60
Knife Thickness	1 1/2 2 2 1/2	1 1/2 2 2 1/2	1 1/2 2 2 1/2
Number of Knives	34 25 20	43 32 25	57 42 33
Knife Diameter	22 3/4"	22 3/4"	22 3/4"
Hex Size	8"	8"	8"
Distance Between Shafts	17"	17"	17"
Cutting Chamber	A x B	60" x 43"	75" x 43"
Discharge Height	C	80"	80"
Hopper Height	D	39"	39"
Hopper Opening	E x F	68" x 69"	83" x 69"
Stand Opening	G	47"	47"
Stand Opening	H	103"	118"
M/C Height	J	160"	160"
M/C Width	K	83"	83"
M/C Length	M	166"	191"
M/C Weight (lbs)		35,000	38,000
Floor Space (sq. ft.)		96	105