

Shredder Applications

Specifically designed for high shock load and severe duty applications such as **ORT Tires, Magnesium Ingots and Castings, High Volume Municipal/Industrial Waste, Oversized Bulky Waste, Copper and Steel Wire and Cable, Baled Aluminum Scrap, etc.**

Standard Features

Cutting Chamber | Considered the largest and most powerful high torque shear shredder available today, the ST-1200H shredder is available in three cutting chamber sizes

Drive System | The ST-1200H shredders offer electric/hydraulic and diesel/hydraulic drive systems. Power units range in horsepower from 600 HP to 1,200 HP. High-torque, multi-cam, radial piston hydraulic motors are available in single or dual configurations. Shred-Tech's superior closed loop hydraulic drive systems allow for knife tip cutting forces in excess of 300,000 lbs.

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-1200H control panel, designed by certified Shred-Tech technicians, features illuminated function buttons, keyed power switch, fused lockable disconnect, hour meter and a programmable logic controller for shredder functions including knife reversal overload.

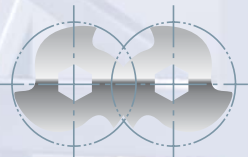
Hopper and Stands | Quality is evident in the workmanship of Shred-Tech's extra heavy duty stand and hopper. As an option, the stand and hopper can be modified to suit the application or installation.

Hex Shafts | The unique design of the machined hex shafts maximizes knife placement options and allows for easy knife removal and machine maintenance. Size or 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 incorporated into the ST-1200H. 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.

Hydraulic 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**
Boom Crane and Working Platform | **Modem Capabilities**



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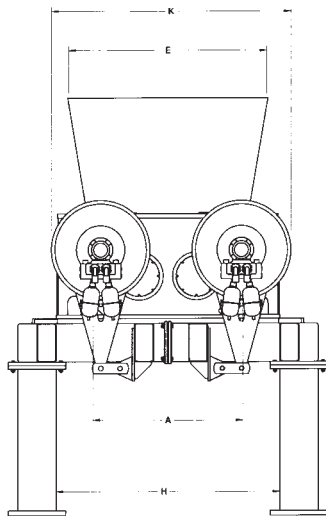
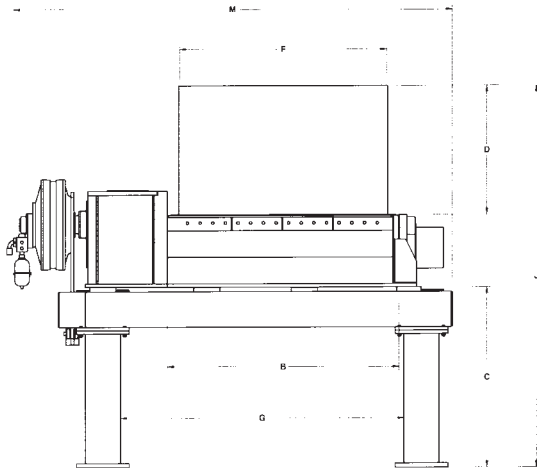


ST-1200H

Severe Duty
Shredder for metals
reduction.

SHRED-TECH

ST-1200 SHREDDER



TECHNICAL SPECIFICATIONS

Shredder		ST-1200HS	ST-1200H	ST-1200HL
Drive		Hydraulic	Hydraulic	Hydraulic
Number of Motors		two	two	two
Motor Type		Radial Piston	Radial Piston	Radial Piston
Power Unit		Diesel or Electric	Diesel or Electric	Diesel or Electric
Power Range HP		600 - 1200	600 - 1200	600 - 1200
Knife Thickness		2 15/16"	2 15/16"	2 15/16"
Number of Knives		24	32	40
Knife Diameter		31 3/4"	31 3/4"	31 3/4"
Hex Shaft Diameter		10 7/8"	10 7/8"	10 7/8"
Distance Between Shafts		23 7/8"	23 7/8"	23 7/8"
Cutting Chamber	A x B	62" x 70"	62" x 93 1/4"	62" x 116 1/2"
Discharge Height	C	81 1/2"	81 1/2"	81 1/2"
Hopper Height	D	58 9/16"	58 9/16"	58 9/16"
Hopper Opening	E x F	82 1/4" x 70 13/16"	82 1/4" x 94"	82 1/4" x 117 1/4"
Stand Opening	G	106"	129"	152"
Stand Opening	H	93"	93"	93"
M/C Height	J	172 3/4"	172 3/4"	172 3/4"
M/C Width	K	99 5/8"	99 5/8"	99 5/8"
M/C Length	M	171 1/2"	194 1/2"	217 3/4"
M/C Weight (lbs)		70,630	78,000	85,400
Floor Space (sq. ft.)K x M		119	135	151

WORLD LEADER IN REDUCTION ENGINEERING AND MANUFACTURING



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