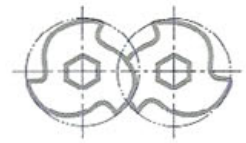


SHRED-TECH ST-1200H Shredder



Shredder Applications: Specifically designed for high shock load and severe duty applications such as OTR 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 large cutting chamber sizes.

Drive System The ST-1200H shredders offer electric/hydraulic and diesel/hydraulic drive systems. Power units range in size from 600 HP to 1200 HP. High-torque, multi-cam, radial piston hydraulic motors are powered by Shred-Tech's superior closed loop hydraulic drive system which allows 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 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.

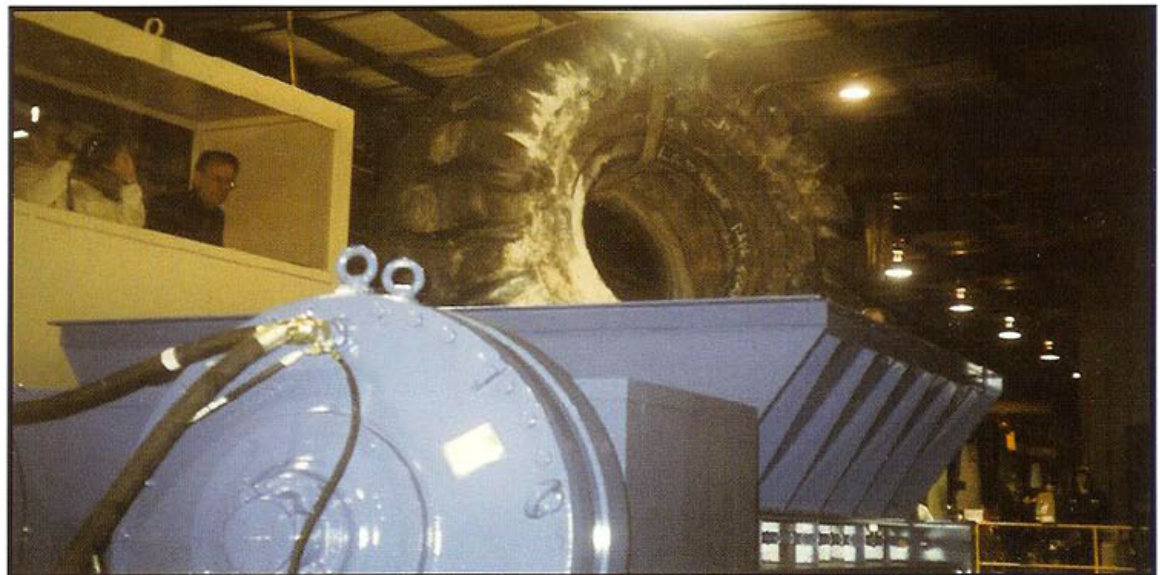
Hex Shafts The unique design of the machined hex shafts maximizes knife placement options and allows for easy knife removal and machine maintenance. Size for size the

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-1200H. The sleeved bearings, individually removable cleaning fingers, and the design of the hexed shafts facilitate ease of parts removal. The hopper and stand mounting is configured to permit quick and safe shredder disassembly. A Shred-Tech proprietary torque setting mechanism provides easy knife-stack tightening.

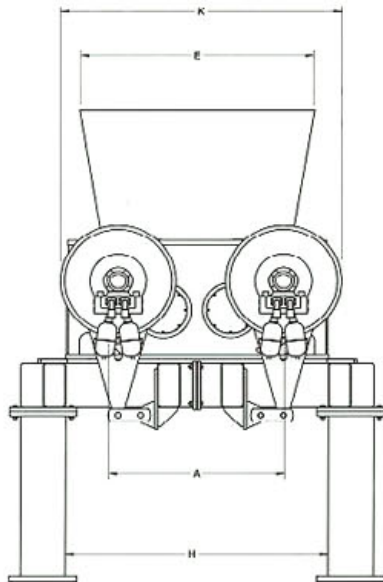
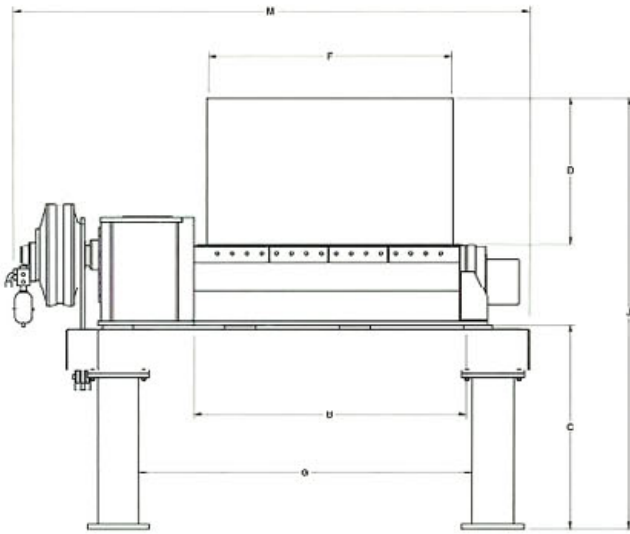
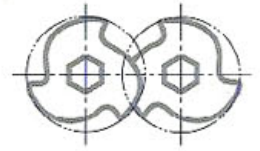
Optional Features

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



ST-1200H Industrial Shredder processing a 7' dia. (2.1 m) OTR Tire

SHRED-TECH ST-1200H Shredder



Technical Specifications ST-1200H Series

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 (in)	2 15/16 3 15/16	2 15/16 3 15/16	2 15/16 3 15/16
Number of Knives (in)	24 18	32 24	40 30
Knife Diameter (in)	31 3/4	31 3/4	31 3/4
Hex Shaft Dia. (in)	10 7/8	10 7/8	10 7/8
Distance Between Shafts (in)	23 7/8	23 7/8	23 7/8
Cutting Chamber (in) A x B	62 x 82	62 x 105-1/4	62 x 128-1/2
Discharge Height (in) C	81-1/2	81-1/2	81-1/2
Hopper Height (in) D	58-9/16	58-9/16	58-9/16
Hopper Opening (in) E x F	82-1/4x70-13/16	82-1/4 x 94	82-1/4 x117-3/16
Stand Opening (in) G	106	129	152
Stand Opening (in) H	93	93	93
M/C Height (in) J	172-3/4	172-3/4	172-3/4
M/C Width (in) K	99-5/8	99-5/8	99-5/8
M/C Length (in) M	176-5/8	199-7/8	223-1/4
M/C Weight (lbs) approx.	70 630	78 000	85 400
Floor Space (sq. ft.)	122.2	138.3	154.4