

Processes: • Wood • Paper  
• Non-Ferrous • Plastics and More



# Single Shaft SHREDDERS

REI heavy duty, low speed, high torque shredders stand up to your most demanding applications. Featuring rotor widths from 12" to 96", high speed hydraulic ram for precision material feed, tongue and groove AR400 floor/ram, CNC machined solid steel cutting rotor, an oversized class 3 gearbox, and the option of stainless steel for liquid applications.

REI proudly offers products designed to make a measurable difference in safety, energy consumption and our environment, while providing performance & durability, since 1994.



**Recycling  
Equipment Inc**

Providing recycling solutions that  
preserve our natural resources

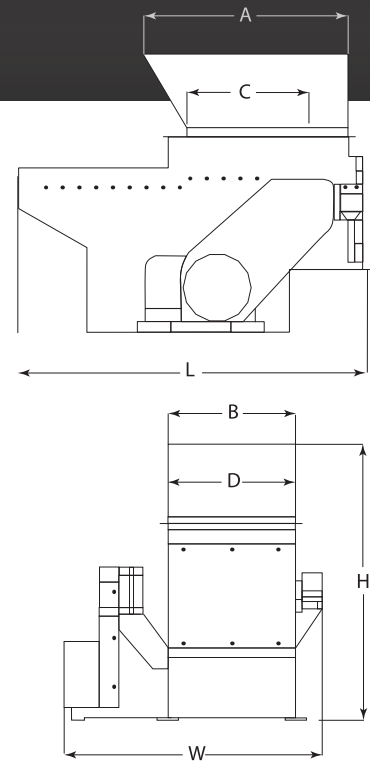
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# Single Shaft Shredders



SHREDDER SPECIFICATIONS								
MODEL	HD-30-30	HD-36-40	HD-36-50	HD-48-60	HD-60-75	HD-60-100	HD-60-150	HD-72-200
DRIVE (HP)	30	40	50	60	75	100	150	200
VOLTAGE (V/PH/Hz)	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
ROTOR DIAMETER (in)	12	14	14	16	16	16 OR 18	18 OR 24	18 OR 24
RPM	90-200	90-200	90-200	90-200	90-200	90-200	90-200	90-200
# OF CUTTING DISKS	38	42	42	66	99	99	99	123
SIZING SCREEN OPENINGS	1/2 TO 5	1/2 TO 5	1/2 TO 5	1/2 TO 5	1/2 TO 5	1/2 TO 5	1/2 TO 5	1/2 TO 5
HOPPER OPENING (AxB)	60 x 30	60 x 30	72 x 36	72 x 48	96 x 60	96 x 60	120 x 60	144 x 72
CHARGE OPENING (CxD)	40 x 30	42 x 36	42 x 36	50 x 48	62 x 60	62 x 60	72 x 60	96 x 72
HOPPER VOLUME (yards)	1.5	1.8	2	2.5	3.5	3.5	4.5	6
DIMENSIONS (LxWxH)	72x60x72	72x60x72	72x66x72	96x88x96	96x90x96	96x90x96	120x96x96	144x120x110
WEIGHT OF SHREDDER	6,200	7,200	7,800	8,800	10,600	12,500	17,500	23,500

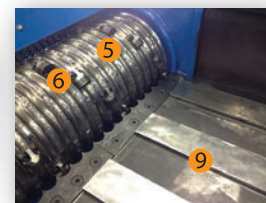
*Standard sizes shown. Other configurations available. REI WILL CUSTOM BUILD WHAT YOU NEED.  
\*REI reserves the right to modify these specifications without notice or liability to previously sold machines.*

REI engineers, designs, manufactures and supports a series of "Dump and Run" Low RPM Rotary Industrial Shredders and Grinders for the most demanding material size reduction applications. Dump large quantities of scrap into the charge chamber at one time and walk away!

- Hydraulic cylinder driven RAM provides precision feed of scrap to cutting rotor. PLC controls continuously adjust different load variables to maximize processing efficiency.
- FLUID COUPLINGS available for soft, cushioned starts, mechanical protection and lower energy consumption (not shown).
- Oversized Class 3, shaft-mounted, speed reduction GEARBOX rated with a 4:1 service factor.
- External mounted, heavy duty, self-aligning spherical ROLLER BEARINGS support the rotor.
- Solid steel CUTTING ROTOR is CNC machined and has a Limited Lifetime Warranty. Several sizes are available depending on the application.



Renegade shown with guards, covers and hopper removed.



- Attached to the cutting rotor are replaceable, precision fit, CNC machined KNIVES. They are heat treated for durability and designed to be rotated up to six times before replacement.
- SCREEN can be sized from 3/8" to 8" for consistent particle sized in a single pass.
- Large customizable HOPPERS with 2 to 14 cubic yard capacities (not shown).
- TONGUE & GROOVE AR400 FLOOR standard on all models.
- TOUCH SCREEN available .



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