

# Medium Duty Industrial Shredders



**AMS - 1500: 15 HP**

**AMS - 2000: 20 HP**

**AMS - 2500: 25 HP**

**AMS - 3000: 30 HP**

**AMS - 4000: 40 HP**

***Security Recycling System***

 **Ameri-Shred Corp.**

# Medium Duty Industrial Paper Shredders

Ameri-Shred offers five models of Conveyor-Fed Medium Duty Industrial Paper Shredders. When matched with an AMS-T2 Tipper or AMS-T3 Tipper (cart dumper), output conveyor and baler, these shredders offer the most efficient method for large volume document destruction and recycling operations.

**Dimensions** - Each shredder has a frame size of 67 in. high x 62 in. wide x 111 1/2 in. long with a 72 1/2 in. long infeed conveyor. Each successive model has more power, a larger drive train and greater shredding capacity/throughput. All shafts, cutters, bearings, etc. are sized for the largest horsepower in the series.

**Cutters** - Precision ground, A-2 tool steel cutters have positive saw-tooth grip. This high grade alloy is known for its durability and its ability to hold a cutting edge. These cutters will easily shred mylar microfilm, microfiche, large and small paper clips, staples, credit cards and Acco fasteners as easily as paper. If a piece of 16 gauge sheet metal, a 2 in. x 8 in. board, or a piece of 1 in. plywood found its way into the shredder, the cutters would not be harmed.

**Shred Width** - All models of Ameri-Shred Medium Duty Industrial Paper Shredders can shred paper up to 20 in. wide into 1/2 in. strips. Other shred widths are also available.

**Capacity** - Standard capacity and horsepower is listed below for each of the five models of Medium Duty Industrial Paper Shredders.

Medium Duty Industrial Paper Shredders							
Model Number	Throat Opening	Shred Width	Capacity (sheets)	Horse Power	Conveyor Speed (fpm)	Tons per Hr. (Field average)	Tons per Hr. (Cont.Theoretical)
AMS-1500	20"		325	15	68	1.0	1.5 to 2.5
AMS-2000	20"	1/2"	355	20	68	1.0 to 1.5	2.5 to 3.5
AMS-2500	20"	(Others available)	400	25	90	1.5 to 2.0	3.0 to 4.0
AMS-3000	20"		455	30	100	2.0 to 2.5	3.5 to 4.5
AMS-4000	20"		475	40	145	2.5 to 3.0	4.0 to 5.0

## Meeting Customer Expectations

"Two years ago the Fort Bend County Recycling Center purchased the Ameri-Shred 2500 shredding machine with conveyor and box lifter. We have had very good results from this piece of machinery, with little to no problems. This machine has been an asset to our recycling program."

Gary D. Coffey  
Recycling Coordinator

"I am writing to let you know how well the shredder we purchased from your company is working for us. We updated our equipment to the Ameri-Shred AMS 4000 about two years ago and it has performed very well for us. It has been low maintenance and very dependable. I would recommend your equipment to any company looking for a good quality shredder."

David Sharp  
High Hope Recycling and Shredding Service  
Milan, MI



▶ Extra large feed table (included) and AMS-T2 Tipper shown help reduce labor and increase throughput.

▶ A 12" steel paddle wheel crusher, located just ahead of the cutters, enables these versatile machines to crush and shred wastebasket contents, corrugated boxes and even steel and aluminum beverage containers.

"It has been many years since we purchased our first Ameri-Shred shredder.

We would not consider purchasing any other shredder for document shredding. We don't believe there is any other shredder that can compare in toughness, quality and reliability as the Ameri-Shred shredder.

We have an AMS-2000 and an AMS-6000 which have run day in and day out without any problems for 10 plus years."

Gideon D. Leiby  
J.P. Paper Shredders, Monrovia, CA



# Plant Capacity of 100 tons per month

▶ Attached Output Conveyor - OPTIONAL: attached output conveyors will carry the shreds to a baler (horizontal or vertical), gaylord container, compactor, etc.

OPTIONAL ATTACHED OUTPUT CONVEYOR



WEAR PADS

▶ Aluminum bronze wear pads keep the cutters from riding into the side plates of the shredder and can be field greased and adjusted to maintain tolerances and maximize shredding.

▶ Accessible lube fittings for wear plates and bearings.

▶ Precision-ground, self-sharpening A-2 tool steel cutters with positive saw-tooth grip will shred not only paper but corrugated boxes, credit cards, transparencies, microfilm, microfiche and floppy disks. OPTIONAL AUTOMATIC CUTTERHEAD LUBRICATION SYSTEM AVAILABLE.



▶ Heat-treated spur gears with a full 4 1/2" face provide effective transfer of power to the cutters. Oil bath lubrication eliminates the need for manual greasing.



▶ These units come with a 15 HP, 20 HP, 25 HP, 30 HP or 40 HP motor. All shafts, cutters, bearings, etc. are sized for the largest horsepower in the series. All main shafts turn on heavy duty, self-aligning, double row spherical roller bearings.

## Other Ameri-Shred Unique Features:

▶ A NEW cutter design processes clumps, and reduces jams to increase throughput.

▶ Laser cut combers for improved positioning thus greater cutter efficiency.

▶ Hardened main shaft surfaces under floating cutters eliminate wear, improving cutter life.

▶ Modified cutterhead material flow for cut uniformity and improved destruction security.

▶ A refined cutterhead adjustment system with greaseable adjustment plates.

▶ Positive overload protection - A current sensing relay automatically shuts the shredder down in case of a jam and a push-button reversing starter allows the operator to clear jams instantly and resume shredding.

▶ CAD engineering to meet your application design specifications and site requirements.

▶ Torque limiter chain drives for infeed and output conveyors protect against overload conditions. Chain take-ups limit "chain slap", providing extended chain life.



▶ Equipped with key locked, low voltage control panels strategically located to provide safe and easy accessibility.



▶ The electrical control system consists of high quality, American made components housed in a dust proof enclosure for safe, maintenance free operation. A current sensing relay automatically stops the shredder in case of a jam and the reversing starter allows the operator to clear the jams instantly.



**An Ameri-Shred System will cut your labor costs while maximizing your profitability. If your problem is a need for high volume paper processing from sorting through destruction, an Ameri-Shred system is your answer.**

 **Ameri-Shred Corp.**

**Working facilities available to visit.**

**Ameri-Shred provides a full line of paper shredders for any document destruction and Security Recycling needs. . .**

**Plant Capacity of 100 tons per month**

Paper Metering System - 1



**Plant Capacity of 500 tons per month**

Paper Metering System - 2



**Plant Capacity of 1000 tons per month**

Paper Metering System - 3



 **Ameri-Shred Corp.**

P.O. Box 68, Alpena, MI 49707  
Phone: (989) 358-6121 Fax: (989) 358-6122  
Website: [www.ameri-shred.com](http://www.ameri-shred.com)  
e-mail: [info@ameri-shred.com](mailto:info@ameri-shred.com)