

AMOS

MFG., INC.

Solution Spotlight: Automating Sheet Metal Size Reduction

2021



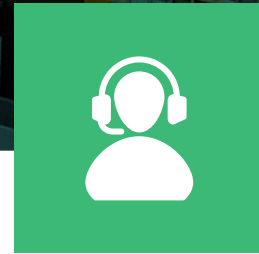
Customer Problem

A customer needed to reduce the size of scrap metal due to space limitations, and automate the handling of scrap metal between the manufacturing process and scrap containers.



AMOS Solution

Amos specified and provided a 125 HP Dual Shaft Shredder with a horizontal feed that effectively reduced scrap metal size and increased scrap container density.



Why Choose AMOS

Expert application knowledge to help select the best solution combined with quick quote response, competitive pricing and on-time delivery.



One customer in the sheet metal fabrication industry was interested in automating the reduction process to automatically feed the shredder directly from the laser burner. The Amos team proposed a solution that took into account space limitations which prohibited the movement of full scrap sheets from the processing line to the scrap dumpster. The 125 HP Dual Shaft Shredder was modified to accommodate a horizontal feed from the laser burner, matched with a cutter profile specifically designed to effectively grab and particulate the sheet metal in a range of thicknesses from 16 to 11 gauge. With its high torque and compact design, the Amos shredder provided an ideal solution. The reduced size of the scrap metal made it more manageable for the recycling process, and the customer was very satisfied with the efficiency gain that the system provided.

About Us

Amos Mfg., Inc. is a US manufacturer of industrial shredding and separation equipment with over 40 years of experience. We have an international presence and reputation for providing quality equipment that will stand up to various industry demands.

Amos has been a leader in manufacturing shredders for electronic scrap recycling, secure document and electronic data destruction, primary size reduction, and volume reduction for a wide range of industries. Our engineering and manufacturing capabilities allow us to help our customers meet their destruction needs.