

Solution Spotlight:

Shredding plastic for alternative fuel at a cement plant

2023







Customer Problem

Our customer's existing shredder wasn't meeting throughput requirements. Plastic bags were getting wound up in the cutter heads. This caused overloads, expensive repairs, and costly downtime.

AMOS Solution

Amos engineered and manufactured a custom 500 HP dual shaft shredder with extra seals and special combers. This design keeps plastic bags moving through the shredder, preventing jams which can result in lost production time and costly repairs.

Why Choose AMOS

The customer chose us because we are an agile organization with vast engineering and manufacturing capabilities. We were eager to help and traveled to meet the customer so we could assess the situation, address concerns, and provide a solution to their shredding problems.





Pictured above is Karl Larsen, Lead Engineer for Amos Mfg. Behind him is a one-of-a-kind 500 HP dual shaft shredder. It features extra seals, special combers, and variable frequency drives on each dual motor shaft. This shredder's user-friendly design also offers the flexibility of adding other heavy duty equipment in the future. This shredder can process up to 15 tons of various plastic materials per hour.





About Us

Amos Mfg., Inc. is a U.S. manufacturer of industrial shredding and separation equipment. We have 40 years of experience and a solid reputation for providing quality equipment with best-in-class lead times. We excel at helping customers improve efficiency, maximize profit, and decrease downtime.

AMI_500 HP_Dual_Shaft_Plastic_Recycling.Rev2