



Houston, Texas based, Greystone Alloys is one of the leading processors of high temperature, high grade alloys in the US, particularly those containing Nickel and Cobalt. With a large number of companies in the Houston area supplying the oil & gas, aerospace, petrochemical, power generation and other industries, Houston is the ideal location for obtaining these metals and in turn, supplying specialty buyers and foundries.

Much of the incoming feedstock comes in the form of machine turnings which clump together, making it necessary to down size this material. Greystone uses two, low speed, high torque shredders in their facility to process this material, including one that they designed and built themselves. The machines effectively break the turning clumps into much finer particles preferred by their customers.

Greystone had relied on electric fork lifts to load their shredders with a special tilt bucket attachment. This method presented a couple of problems. First, when loading their shredders with the tilt bucket, the entire load was dumped into the hopper boxes at one time, occasionally causing the shredders to overload and / or causing the material to "bridge" in the hoppers, requiring human labor to rectify. This slowed production and put their workers in harm's way. The other problem they had was the large amount of movement on their shop floor, presenting an extreme tire wear issue.

Taylor Tamez, Greystone Alloys CEO, decided to look for a better solution. "We were spending thousands of dollars every month, purchasing and installing new tires on our fork lifts. I therefore decided to conduct a search for a small, electric over hydraulic loader that could load our shredders effectively, providing enough reach, yet still be able to fit in our confined space. During my search, I happened across Northshore Manufacturing's web site and gave them a call. After providing them with all of the parameters in terms of our specific application and space limitations, they recommended their Builtrite Model 80 Loader, which has 25' of reach, in combination with their small orange peel grapple, which could handle both the raw and processed material."

"We purchased the machine in December and installed it into our facility this past Spring. It has made our shredding operation much more efficient. It easily keeps up with the shredders and is able to unclog any bridging quickly and effectively. It also is very quiet and uses a minimal amount of electricity. Overall, we are very happy with our decision to go with this tool."



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