

## Briquetting Equipment Improves Scrap Program

**A**s a result of a strategic partnership with Shapiro Metals, a scrap management supplier, Nashville has seen a dramatic increase in scrap revenue for its site since May. Shapiro's diverse customer base has allowed them to negotiate prices much higher than that of the previous supplier agreement. Through reduced moisture content and a transparent accounting system, this has resulted in an average increase of \$.05 per pound in net scrap price, or roughly \$29,500 per month of increased revenue for Nashville.

Shapiro has recently installed two new briquetting machines on the factory floor, which compresses scrap aluminum chips into large briquettes. This briquetting allows more aluminum to be shipped per truckload, resulting in doubled

shipment weights. This move has cut the monthly transportation costs in half and has reduced moisture content by about 10%. We are currently working to evaluate a closed-loop system to reclaim cutting fluids from the briquetting equipment, which would virtually eliminate the environmental impact from scrap production. Shapiro has also stationed their own personnel to oversee the scrap process, enabling Nashville employees to focus on what we do best – manufacture world-class aerospace parts.

- Transportation costs more than halved as a result of briquetted scrap shipments, approximately \$15,400 in monthly savings.
- Net sale price increase of \$.05 per pound, or 12%, resulted in an additional \$29,500 monthly.

New briquette machine  
Nashville