

PROBLEM**Refuse Contains Paper, Corrugated and Wooden Trash**

The Trane Company of Tyler, Texas, is a leading manufacturer of central air conditioning and heat pumps and produces 14,000 pounds of trash a day. This refuse contains paper, corrugated and wooden trash which includes 10-foot-long wood pallets. It was obvious to Trane's management that expending funds to haul away trash was not only costly, it was wasteful because they were throwing away a possibly valuable energy source. They selected an incineration system that would burn trash to feed a boiler producing steam for the manufacturing process.

SOLUTION**A BloApCo Model 3G-4066 Heavy-Duty Shredder and Scrap Handling System**

To produce a homogenous feed for the incinerator and ensure even heat output, Richard Berkhouse, Trane's facilities manager, looked at several shredders and conveyors. Trane specified a **BloApCo Model 3G-4066 heavy-duty shredder and scrap handling system**.

Loads can be fed directly into the system using a forklift or cart dumper. The system includes a 25-foot-long by 5-foot-wide shredder infeed conveyor that can hold three or four loads of trash. This allowed the system operator a place to separate out any unwanted trash, including bottles, cans, metal strapping, etc.

The BloApCo "Pierce-and-Tear" shredder reduces trash volume by 75% and produces little dust or noise.

According to Berkhouse, "It has enabled us to cut our labor content. It gets the trash off the floor and it gives us a highly efficient means of trash disposal." At an average consumption rate of 14,000 pounds/day, the system saved Trane \$216,000 a year, beginning in 1984, in gas costs. Berkhouse monitored the system very carefully for the first few years. he said the payback was less than three years. His suggestion to others is, "Always ask a vendor for references from someone who's had the equipment for at least five years."

Now in operation for nine years, Berkhouse calls the BloApCo conveyor and shredder "one tough piece of equipment. The only maintenance had been on the conveyor belt...nothing else at all."

Trane Company of Tyler, Texas

