

### PROBLEM *Reclaiming Filled Packages*

C&H Sugar Company produces more than 700,000 tons of refined granulated sugar per year at its main plant in Crockett, CA. Any damaged, mislabeled or improperly filled packages must be reclaimed, reprocessed and recycled. These 24 to 100 lbs. cartons and bales of unsaleable packages were manually cut open and the sugar poured into a screen feeder, which in turn feeds the sugar in a reclamation auger. The job was labor intensive -- requiring up to five workers a day -- and inefficient.

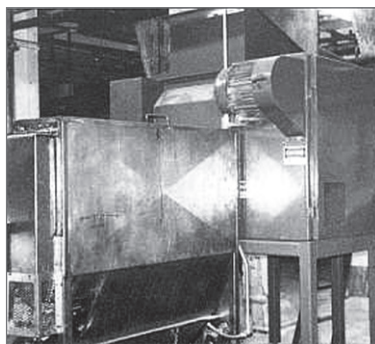


### SOLUTION *A BloApCo 36" Vertical Shredder*

A system was designed featuring a **BloApCo 36" vertical shredder** fed by an 18" wide x 24' long infeed belt conveyor. The BloApCo shredder accepts any size or configuration of package, and its "**Pierce-and-Tear**" action readily separates the contents from the outer package. The shredded packaging and contents fall onto a special rotary screen which separates the sugar from the waste paper and cartons. All of the sugar is reprocessed. The paper and cartons are automatically fed into a horizontal baler for compaction and sale as recyclable baled scrap.

The slow speed of the "Pierce-and-Tear" shredder also eliminated noise and dust during the reclamation process. One part-time worker now accomplishes what five full-time workers did in

reclaiming of 4,500 lbs. of product per hour. C&H estimates that the BloApCo system has increased reclamation productivity 500% and reduced labor and maintenance costs. This combination of savings enabled C&H to recoup the system investment in only four months



C&H Sugar Company, Crockett, California