

PROBLEM**Rejected Fiberglass Parts**

The **Kawasaki Motors Manufacturing Corp. plant in Lincoln, NE**, installed a giant, three-story-high molding press capable of exerting 3,000 tons of pressure to produce the hulls for Kawasaki water jet skis. Fiberglass sheet molding compound is molded into a top (deck) or bottom (hull) of a jet ski for three models produced at the Lincoln plant. The largest jet ski, when bonded, is about 4 feet wide, 10 feet long and 32 inches thick.

Stringent Kawasaki quality control procedures require that any molded piece or partially assembled product not up to their high standards be rejected and destroyed. Inadvertent or intentional use of the rejected parts could damage the company's reputation for quality and possibly cause product liability problems. Rejected parts were compacted with other trash, causing excessive wear and tear on the compactor. And because the parts were large and difficult to crush, they did not allow dense compactor loads.

SOLUTION**A BloApCo Top Feed Shredder and Crusher**

A **58" wide Top Feed BloApCo shredder** with a special crusher was installed and is fed by a belt conveyor. The shredder's unique, patented "**Pierce-and-Tear**" action assures complete destruction of the large molded parts. Special ripping wheels, made of abrasion-resistant material, tear apart the individual fiberglass hulls and decks or complete water jet skis (hull and deck bonded together), and reduce them to smaller pieces of scrap material, which are easily compacted into fewer, denser loads for efficient disposal into a local landfill.



The largest hulls or decks, even when several are nested together, or complete water jet skis already filled with flotation foam, plastic ducting and metal fuel and exhaust lines, are completely destroyed in about one minute.

Kawasaki Motors Manufacturing Corp., Lincoln, Nebraska plant