

De-baler

Customer: **Sutco Recycling UK**
 Delivered: **March 2013**
 Facility: **M&J PreShred 1000S - 5 standard knives**
 Capacity: **55,000 ton/year**



Expanding
to meet
growing
demands

Closed Loop Recycling has officially opened a new plastic milk bottle recycling line at its recycling facility in Dagenham, England. The company is the first in the world to recycle both PET and HDPE bottles into food-grade material for food and drink packaging. £12 million has been invested in the new recycling line to meet the growing demands of the dairy industry, which increasingly requires higher levels of recycled HDPE in its milk bottles. The expansion makes Closed Loop Recycling the biggest recycler of milk bottles in the world, and has increased capacity at the plant to 55,000 metric tons per year.

The M&J PreShred 1000S purchase price included installation, documentation and initial startup testing and training. Closed Loop Recycling also purchased an additional in-feed hopper that was fitted during installation.

Stephen Corbett, Factory Manager at Closed Loop Recycling, has been impressed with the M&J PreShred 1000S, commenting, "It was one of the best and most cost effective purchases on the whole HDPE upgrade project." He continued, "Just put the bales in with the wires and let the unit do the rest. There is really no damage to the bottles and no noticeable clumps that affect the process."

The process route on the new line begins with the M&J PreShred 1000S as a de-baler; once the plastic bottles are separated the process then goes to the VSD controlled acceleration belt > incline conveyor > over-band magnet > conveyor > VSD controlled vibration table > Acceleration belt > NIR > manual picking belt > metal detection and recovery > granulator(s) to be able to make the final granulate.

