

# Waste Recycling

## Steel & Aluminium Can Sorting Plant

### Overview

To design, supply and install a sorting line to segregate steel & aluminium cans.

### Problem

The can sorting plant formed part of an overall relocation for Stevenage Borough Council, and was part of the council's waste services improvement plan.

### Solution

Included in the project scope was an inclined feed conveyor with a large floor mounted intake hopper, a horizontal top feed conveyor, an over band magnet for removal of steel (ferrous) cans (complete with discharge chute) and an Eddy Current Separator for removal of non-ferrous (aluminium) cans, with discharge chute.

GAME installed the clients own two current compactor units into the new line, each one being fed from one of the two discharge chutes.

GAME also supplied and installed the electrical controls for the new line.

### Result

A plant now handles 20m<sup>3</sup> per hour of mixed cans, with a segregation split of 4 to 1, aluminium to steel.

