



Innovative Materials Recycling Facility, Coventry

Client

Sherbourne Recycling

Contractor

Clegg Group

Architect

Cox Freeman

Steelwork Design

Caunton Engineering

Engineer

Alan Wood and Partners

Steel Tonnage

577 tonnes

Caunton Engineering have supplied the framing steelwork to main contractor Clegg Construction for what has been described in the press as a facility of the future. The Sherbourne Resource Centre in Coventry is a state of the art materials recycling facility (MRF) and said to be the first to use Artificial Intelligence (AI).

Housing the facility's all-important equipment, as well as the areas for receiving and sorting materials, are three large steel portal-framed structures. Together they form an L-shape to suit the site and create a facility where the materials processing is laid out in a linear configuration. Each of the three portal frames is structurally-independent and at the two points where buildings meet, there is a dividing row of double columns, that accommodate doorways and openings for equipment such as conveyor belts.

