



T.J. Morris, Omega 8, High Bay Warehouse - St Helens

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Client

Omega St Helens Ltd
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Contractor

Bowmer and Kirkland
.....

Steelwork Design

Caunton Engineering
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Architect

AJA Architects
.....

Engineer

Fairhurst
.....

Steel Tonnage

5,700 tonnes

Caunton Engineering designed, supplied and erected the main and secondary steelwork, which included stairs and open mesh walkways with handrails, to what the press described as a huge distribution warehouse for retailer T.J. Morris near Warrington. The £118 million project was undertaken by main contractor Bowmer and Kirkland, while Caunton fabricated, supplied and erected 5,700 tonnes of steelwork.

The main spans in the high bay area are up to 54 metres wide and reach 34 metres, formed with a series lattice trusses. While the low bay zone was a portal frame with spans of up to 49.5 metres wide and 22.5 metres high. The internal columns in the warehouse were arranged in a hit and miss configuration to avoid obstructing the facility's mechanical handling equipment. This building also incorporated a two storey office block.

