



caunton

ENGINEERING



Steelwork for

Sustainability



Sleaford Renewable Energy Plant

www.caunton.co.uk | 01773 531111 | sales@caunton.co.uk

Caunton Engineering Limited
Caunton House, 2 Coombe Road
Moorgreen Industrial Park
Newthorpe, Nottingham
NG16 3SU

Caunton Engineering is one of the UK's leading steelwork contractors, fabricating in excess of 40,000 tonnes per annum with a turnover in the region of £100m. Supported with over 50 years' experience we specialise in the design, fabrication and erection of structural and secondary steelwork, operating across all sectors of the construction industry.

Caunton Engineering's reputation is for engineering excellence in the Sustainability sector and working with Consulting Engineers on major developments.

We pride ourselves on our ability to remain agile and, as a result, offer a personalised service to our clients. The company is a Gold Status holder within the Steel Construction Sustainability Charter and is committed to delivering Net Zero by 2050.



CARBON NEUTRAL PROJECTS

Segment Production Factory - Avonmouth Docks - Bristol

Caunton had the pleasure of contributing to the construction of EDF Energy's Hinkley Point C nuclear power station in Somerset. The company was awarded the contract to provide a structural frame for a factory building at Bristol Port, Avonmouth, which is now used to manufacture precast concrete tunnel segments.

The segments have formed the tunnels to carry cooling water for the power station. Three tunnel structures were required, two intake and one outfall. These have been constructed approximately 20m beneath the sea bed. Caunton was involved in the construction of the factory that will make the tunnel segments, which weigh between 4.2 and 4.8 tonnes each.

The steel frame for the building was designed, manufactured and erected by Caunton. It is 14.5m in height and 36m wide by 150m long. Caunton is responsible for not only the near 500te steel frame but the cladding and the doors. The design is to EC3 to accommodate the crane loadings.



Main Contractor: Costain Construction Ltd
Engineer: Ramboll UK
Steelwork design: Caunton Engineering
Tonnage: 500 tonnes

Konect 62, Phase 1 - Knottingley, Wakefield



Main Contractor: McLaren Construction
Engineer: XO Square
Architect: C4 Projects
Steelwork design: Caunton Engineering
Tonnage: 1,300te

Caunton are pleased to have supplied the structural steelwork at the major colliery reclamation site in Yorkshire. The steelwork is part of Phase 1 of the development of 1.1 million sq.ft state of the art warehousing, Konect 62 by development firms Henderson Park and Cole Waterson. The site is near knottingley, where Kellingley Colliery once stood. The colliery was the UK's last deep mine, shutting its doors in 2015 after 50 years of operation. It was at one time the largest, deep mine in Europe.

Caunton supplied 1,300te of structural steelwork within the development for two, triple span portal framed buildings, together with framing for an internal office and a twin span external office.





BREEAM RATED PROJECTS

Link Logistics Park, Ellesmere Port

Caunton Engineering have completed the steelwork for main contractor Winvic Construction for a new 62,000 square metre distribution centre for developer Stoford, located in the former Hooton Park Airfield at Ellesmere Port in Merseyside. The building is said to be the biggest single cross-docked warehouse to be developed in the north, west during 2022.

An article in New Steel Construction stated that this new distribution centre is targeting the highest level of sustainability certification - BREEAM "Outstanding" and an EPC "A" rating.



Client: Stoford
Main Contractor: Winvic Construction
Engineer: BWB Consulting
Architect: Webb Gray
Tonnage: 2,700 tonnes

Two warehouses for Panattoni at South Normanton Park



Client: Panattoni
Main Contractor: Buckingham Group
Engineer: BWB Consulting
Steelwork design: Corstorphine and Wright
Tonnage: 2,000 tonnes

Caunton Engineering supplied the structural steelwork for two major warehouses in South Normanton. The client, Panattoni, one of the world's largest industrial developers and the site is the Panattoni Park, J28. This development will provide over 575,000sq.ft. of Grade A warehouse space, in two units and is located at M1, J28. M1, J28 is one of the most important logistics locations in the East Midlands, as it is almost equidistant between Birmingham and Manchester, the UK's second and third largest cities.

The two units are 345,000sq.ft. and 230,000sq.ft. respectively. Both will benefit from 15 metres clear internal height, two storey hub offices and 50 metre yards. Both will achieve BREEAM ratings of 'Very Good'.

Caunton Engineering designed, fabricated and erected nearly 2,000 tones of structural steelwork for the two buildings. The company has recently supplied the structural framing for two major warehouse projects.

Peterborough Gateway

Working for main contractor Winvic Construction, Caunton supplied the structural steelwork for 2 large distribution warehouses, located on the Gateway development in Peterborough. Gateway Peterborough is a 240 acre warehousing and distribution park developed by Roxhill Developments Ltd. The site is strategically located immediately adjacent to Junction 17 of the A1(M). The site has planning consent for a massive 5 million square foot industrial and distribution buildings. Caunton's 2 buildings are for Plot 210 and Plot 410.



Client: Roxhill Developments Ltd
Main Contractor: Winvic Construction
Engineer: Fairhurst
Architect: UMC Architects
Tonnage: 1,955 tonnes

The two buildings together required nearly 2,000 tonnes of structural steelwork which was designed by Caunton Technical Team.

Roxhill specialises in building warehouses and distribution spaces, with an aim to achieve BREEAM Excellent.



RECYCLING PROJECTS



New Horizon Project, Power Park - Nottingham

Working for main contractor Bowmer & Kirkland, Caunton Engineering have completed the erection of the steel framework for five buildings on the old Imperial Tobacco factory site in Nottingham. Imperial Tobacco began operating on the site in the early 1970's but after moving to Europe in 2016, the company's 'Horizon' factory began to be demolished in 2019.



Client: Henry Boot Developments and Oxenwood Real Estate
Main Contractor: Bowmer and Kirkland
Engineer: BWB Consulting
Architect: Corstorphone and Wright

The new scheme is called New Horizon Project, otherwise known as Power Park. This scheme is a 28 acre, Grade A specification industrial and logistic space. The development team were tasked with recycling 98% of materials through the scheme - this included salvaging steelwork from the existing frame, to crushing the concrete and stone from the demolished building, in order to retain it on site to be used as bases, yards and roads. Across the five units, Caunton Engineering designed, manufactured and installed circa. 1,500te of structural steelwork, along with the supply and installation of metal deck to the office areas.

The Range's New Large Distribution Centre - Stowmarket



Client: Jaynic
Main Contractor: Winvic Construction
Engineer: Richard Jackson
Architect: Frank Shaw Associates

Caunton Engineering provided 3,730te of steelwork for the Range's new distribution warehouse at Gateway 14, Stowmarket. For this contract, speed was of the essence, with Caunton having supplied and erected the main and secondary steelwork in just nine weeks for the 111,000 metre squared warehouse. With sustainability at the heart of this project, a large percentage of the steel tonnage was produced from recycled steel.

Our site manager for the contract said "completing the 1,982 metre squared office first, gave us a stable core from which to start our work. We then erected the main building in a phased programme, with the central spans going up first, followed by the outer spans."

We are pleased to have been awarded the contract by main contractor, Winvic Construction, for this impressive distribution centre.

Other Sustainable Projects Include:

- Warehouse and Office Block - Gravelly Industrial Park - Birmingham
- Temperature Controlled Distribution Centre - Huntingdon
- BWSC Biomass Plant - Cramlington
- Carbon Neutral Wine Merchant Warehouse
- Peterborough Gateway



(BWSC Biomass Plant - Cramlington)

www.caunton.co.uk | 01773 531111 | sales@caunton.co.uk

Caunton Engineering Limited
Caunton House, 2 Coombe Road
Moorgreen Industrial Park
Newthorpe, Nottingham
NG16 3SU

