

A successful food factory is continuously looking to improve its product efficiency, cater to its client needs, make production changes to suit new and evolving food markets or may even consider building a new factory. Whatever the need it makes a lot of sense to have a partner that is familiar with best practice and who can save you money and ensure that the project is completed on time and within budget. Here at Sullivan Design, clients can benefit from a wealth of experience gained over many projects.

Contact us to set up an exploratory meeting and to learn how we can help you deliver your project on time and on budget.

Sullivan Design

Since its original foundation in 1976, Sullivan Design has gone through a number of changes both in terms of style and direction. Over the last 39 years, Sullivan Design has worked on more than 1,200 projects for over 400 clients. The Company offers a specialised service in providing solutions to problems of food factory developments for prepared salads and vegetables, fish and sea food processing, meat processing, bakeries, dairies, chocolate and confectionery and snack foods. Services on offer include, freezing, chilling, high care low risk separation, product and personnel flows.

Sullivan Design is a mechanical, electrical and refrigeration engineering consultancy practise. The company provides a comprehensive range of services in the design and management of building services and process systems on an extensive portfolio of projects in the UK and overseas. Over the years Sullivan Design has offered complete plant layouts and even architectural design in-house, but now we work with a number of associates, including the Architects, Project Managers, Cost Consultants, Civil & Structural Engineers, Process Specialists and not least... direct for Food processing companies! In order to achieve the best service for our clients, the remit often includes site surveys and reports, feasibility studies, budgeting, detailed designs, production of CAD layouts, room data sheets, specifications, project management and commissioning management.

Food Processing

To meet the demands of specialist industries, Sullivan Design offers a skilled, hygienic systems approach to engineering services solutions. We are experienced in the demands of a variety of food processing environments and use that knowledge in approaching each project.

The service is aimed at Food manufacturers and specialist developers and construction industry professionals. Our manufacturing process knowledge and operational understanding, coupled with our professional approach, will advance designs and avoid expensive amendments late in the design process.

Our team of professionals not only draw on their specific engineering expertise, but also maintain specialist knowledge of regulations and guides.

Each design is approached, not only from a hygienic perspective, but also from the affect of people/product and waste flows. Consideration is given to Low Risk and High Care areas, both in terms of food safety and plant and running costs. We aim to provide the highest design quality for the available budget, without compromising capacity, build quality, operating costs and efficiency. Rather than offering conceptual logic alone, Sullivan Design provides solutions that are engineered – we deliver the complete process.



Mechanical



Refrigeration



Electrical



Environmental

Areas of expertise

- Feasibility Studies & Strategic Planning
- Simulation & Optimisation of Operations
- Materials Handling, Warehousing & Distribution

- Site Selection
- Equipment Selection
- Plant Layout & Design

Engineering Services Design:

Mechanical

Heating, ventilation, air conditioning, dust & fume control. Piped – hot & cold water, drainage, wash systems, potable water, gases, compressed air, steam, and effluent.

Electrical

Power distribution, stand-by plant and lightning protection. Communications – local area networks (LAN), integrated voice and data networks.

Fire – sprinklers, gas and foam flooding, fire detection, fire evacuation plans, smoke modelling, fire compartmentation and fire exit planning.

Lighting – interior, exterior, emergency and exit.

Passenger & Goods Lifts.

Security – access control and intruder alarms.

Refrigeration

Full refrigeration design, Ammonia, CO2, HFC's and Secondary refrigerant Systems Plantroom layout, vessel calculations, pipe size and selection, heat exchanger size and selection. DSEA Compliance.

Freezing / chilling and thawing load calculations for any product type, Chilled / Cold store distribution design.

Sustainable Design

Carbon Footprint reduction analysis and design, Plant efficiency, Reduced power consumption,

Other associated services which the Group offers are:

Building Services Engineering

Cost Management

Project Management

For further information, please contact:

Will Wright
 t +44 (0) 1562 881 460
 m +44 (0) 7825 165 915
 e wwright@sullivan-design.co.uk

Sullivan Design UK Office
 Birmingham