



New Frozen Dinners Factory – Design and Equipment

Project management of a multi-million-pound scheme to deliver manufacturing excellence for a new frozen dinners factory in Texas, USA.

The Challenge

With the development of a new factory in Texas, our client required a comprehensive production review to ensure capacity planning, process flows, and equipment procurement were able to meet the specific requirement of their customers.

Delivering Success

Protolan applied a four-stage process including feasibility, design and procurement, implementation, and commissioning.

Our project engineers worked alongside our client to co-ordinate front-end capacity work which enabled a process flow model to be interactive and specifically identify bottlenecks. Equipment specification comprised of the selection, coordination, delivery and installation and commissioning of all preparation, cooking, cooling, packaging and ancillary equipment to ensure the customer had all elements necessary to launch a high volume, multi-component frozen dinners process.

Protolan delivered a multifaceted approach utilizing 3D modelling to ensure that specialist process equipment procured from the United States, Canada, Germany, Italy and UK were all coordinated, delivered, installed and commissioned within the facility. Protolan advised on building and infrastructure to ensure best practice hygienic design across the factory.

This successful project is now operational and delivering products for our client's customers.

Services Employed



Project Management



Project Engineering



Capacity Planning



Process flow Analysis



Equipment Specification



Commissioning

