

**Flo~
Mech**

Flo-Safety

Technical Support and
Engineering Solutions
Dedicated Food Processing Systems



The forefront of food
processing technology

Health & Safety

Health and safety is now an integral part of everybody's working life, from the everyday tasks to major capital projects. The importance and awareness of health & safety has grown rapidly in recent years.

With recent changes to legislation there is even more onus on employers and senior management to ensure their operations present the minimum risk to employees. This can, at times, seem a daunting task.

We understand that our customers need clear, straight forward advice on Health & Safety issues, from a reliable, trust worthy source with the very latest knowledge. To achieve this, we have our own dedicated Health & Safety department headed up by Matthew Lay, our Health and Safety Co-ordinator.

Where capital projects are concerned Flo-Mech has considerable experience of working within the Construction (Design and Management) Regulations 2007 (CDM). It is essential that safety is 'built-in' to a project from an early stage and should be considered from inception through to final commissioning and on into regular operation.

Flo-Mech has acted as Principal Contractor and Main Contractor for both notifiable and non-notifiable projects. We have also provided advice and assistance on the requirements of the regulations, practical application and on-going monitoring to ensure compliance.

Training is an essential tool for providing employees with up-to-date information. Flo-

Mech can provide bespoke training courses on a wide variety of health & safety related topics ranging from general awareness to more specialist subjects.

The duties on employers to assess the risks from work equipment, hazardous substances and noise can seem immense. Just as importantly is the need to action the results of the assessment in a practical way to ensure continued productivity whilst complying with statutory requirements. Flo-Mech has the expertise and resource to assist with both the initial assessments and any follow-up action that may be required.

We also recognise that not everyone is the same. Our clients have unique needs and we pride ourselves on being able to adapt to different requirements whilst providing straight-forward, understandable advice.





Services provided:

PUWER risk assessments

All employers are required by law to provide their employees with safe work equipment and having PUWER assessments shows that you considered the hazards from. But these can be time-consuming and confusing for those that may be tasked with completing them.

Flo-Mech have assessed considerable amounts of equipment on behalf of clients, providing clear, easily understood reports prioritising actions to be completed.

Assistance with CDM projects

We appreciate that the CDM Regulations are not part of our client's day-to-day activities and trying to steer through the regulations (and jargon!) can be confusing and time consuming. Flo-Mech can help clients understand their duties and provide straight forward, clear advice.

Principal Contractor duties for CDM projects

Flo-Mech has vast experience of carrying out the duties of a Principal Contractor on a range of multi-million pound projects in diverse fields of operations.

Our site managers are all NEBOSH qualified with relevant experience in managing safety aspects of a project and many have engineering backgrounds helping them to understand the risks associated with contractors activities.

Tailor made training packages delivered on or off site

We have training packages covering a variety of subjects including risk assessment, the CDM Regulations and the Machinery Directive & CE Marking.

We can also provide tailor made courses on particular subjects should you require it. These courses can be run either at a client's premises or at our custom built facility in Peterborough.



Noise & COSHH assessments

Specific assessments are needed for COSHH (The Control of Substances Hazardous to Health) and noise. Flo-Mech has access to resource with specific expertise within these fields.

They can assess a client's needs, monitor the workplace and provide solutions that comply with the regulations and meet a client's needs.



Machinery assessments for CE marking and Machinery Directive compliance

As a machinery design and supply company Flo-Mech have a unique position in understanding the way machinery works and the ways in which it can be made safe. The Machinery Directive can be a minefield for those who have little experience of it. Flo-Mech has extensive experience of complying with the requirements of the directive and its content.



Matthew joined Flo-Mech in 1986 and has been responsible for health and safety since 2002. During this time he has been involved with a variety of projects both in the UK and overseas. Matthew has seen many changes at Flo-Mech as it grows and develops, not least in the role modern-day health & safety plays within industry.

With his comprehensive knowledge and experience of Flo-Mech operations he is ideally suited to understand the needs of the business and its clients. Matthew is a member of IOSH (Institution of Occupational Safety and Health) and is NEBOSH trained. This includes a recent environmental management qualification to broaden his knowledge base.

For more information please contact: Matthew Lay, Health & Safety Manager, Flo-Mech Ltd
Office: +44 (0) 1733 233166 • Mobile: +44 (0) 7710 156467 • Email: matthewl@flo-mech.com

At the forefront of food processing technology...

Who are Flo-Mech?

Flo-Mech is a privately owned limited company, employing highly skilled personnel with a heavy emphasis on engineering. We design and manufacture specific pieces of machinery that cannot be procured within our group.

To achieve this, our designers create manufacturing drawings, which are then passed onto a number of specialist sub-contractor workshops. This equipment is manufactured under our total supervision before it is given the Flo-Mech name.

Turnkey project management

One of Flo-Mech's strongest assets today is its ability to provide our customers with the most complete project management service. Many of our customers prefer only to deal with one company who can manage full "turnkey"



projects. With many successful installations already completed, we have secured a number of long-term partnerships with major "blue-chip" clients. From pre-engineering studies through to factory installations we can provide a "total management" solution. Our team of experienced project managers pride themselves on providing the very best service to meet our customer's requirements. By using the latest computer technology, CAD and 3D drawing facilities, projects are closely controlled to ensure "milestones" are met. Each project is enhanced by implementation of a modern Health & Safety policy incorporating on-going risk assessments and regular auditing. Production of P&ID and

PFD drawings, detailed project schedules, operation and parts manuals and relevant C.E. documentation all go to help making each contract a complete success, to specification, on time and within budget.

Commitment to service

Commitment to our customers extends way beyond the sale. We understand that response times are critical in the food industry, and this is reinforced with our 24 hour a day, 7 day a week emergency service.

We ensure that members of our service team become involved with each contract at a very early stage, ensuring continued quality support long after the installation crews have left site. Our fully qualified service engineers are registered with the Gas Safe Register and A.C.S approved. A comprehensive range of spare parts is held at Flo-Mech House, further enhancing the commitment to our customers.

The Flo-Range



levels and efficiency requirements (C.C.L). Flo-Therm™, caring for our environment.

Flo-Therm™

Flo-Therm™ has now been a part of our lives for the past 30+ years. A proven design for gently heating frying oil and at the same time offering total pollution control, ensuring that your frying emissions to atmosphere are "clean". We are constantly reviewing our heater designs to ensure compliance with the very latest emission

Flo-Cut™

The Flo-Cut™ sizer halver was originally designed and built to size-grade and halve large potatoes in a crisp production facility. Today it reaches a wider audience as companies look to use its features combined with other technology to produce end products such as quarters for roast.



Flo-Starch™

The Flo-Starch unit has been designed to recover starch from potato processing waste-water giving the benefit of reusing the cleaned water back in the process line and collecting the dry starch to be used in other processes. The Flo-Starch™ system is a self contained, skid mounted



plug and play unit based on centrifuge technology with PLC control to ensure optimum performance.

Flo-Flavour™

Flo-Flavour™ in recent times has expanded into two main areas. The systems are designed either to handle a pre-mixed slurry, keeping the components in suspension and delivering to the flavour drum, and in addition can be supplied with full mixing and holding/distribution tank facilities.

Flo-Cool™

Oil quality is an important operational and financial factor in modern frying processes. Flo-Cool™ is designed to rapidly reduce the frying oil temperature at the end of production or during a production break. Production shut down times are reduced and coupled with our Nitrogen blanket system, the oil can be returned for storage and protected in an inert gas environment under greater operational control.