

Machine Guarding Systems



About Project Engineering

Project Engineering are a leading provider of mechanical engineering and product development services to the manufacturing and technology sectors. We have an established track record of developing successful products and delivery of complex engineering projects.

Based in County Monaghan, our team of professional engineers provide a consistently high level of service to our customers in Ireland, the UK and China.

Our principal areas of business are;

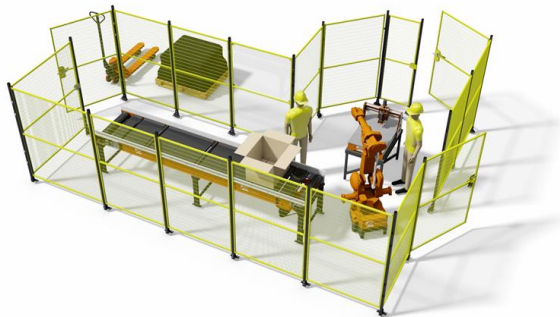
- Mechanical Engineering Design: We develop products, jigs, fixtures, design special purpose equipment and much more.
- CE Marking: We help manufacturers and importers navigate the various European Directives and Standards to achieve the CE Mark their products.
- Management: We apply our engineering skills to manage a wide verity projects. We provide LEAN consultancy & training for all types of businesses.

We have experience in a wide range of industries and sectors, including; waste processing, wind energy, biomass and construction products; however our progressive and flexible approach ensures that we are always ready to take on new challenges.

Introducing Project Engineering's brand new range of Machine Guarding Systems.

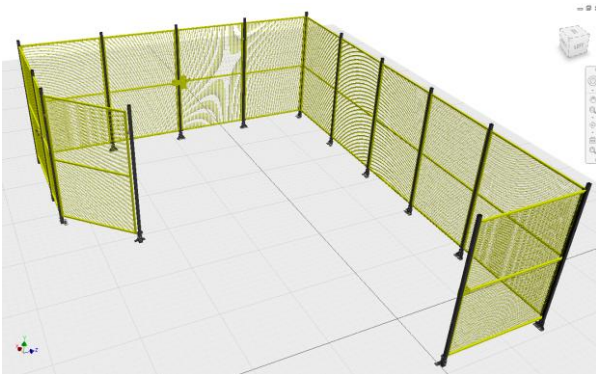
Having dealt with so many projects requiring Machine Guarding we have created our own range to provide our customers a more complete service when carrying out CE Marking or Design Projects.

We have used our experience to design a system that is both simple and effective. Panels are easy to put together and options such as Adjustable Panels, Perspex panels, Door interlocks, Kick Plates and many more mean that we can provide guarding to meet all of our customers' requirements.



Our CAD expertise allows you to see your own system in 3D so you can tailor it to your own needs.

Using the latest CAD systems we can provide 3D images demonstrating exactly how the guarding system will look in place. Doing this allows the customer to chop and change their purposed layout before ordering.



PANEL OPTIONS



Standard Panel

The standard panel is designed to suit the needs of most applications.

Length (mm)	1200
Width (mm)	25
Height (mm)	1900
Mesh Type	13*70mm Spacing, 2.5mm Wire
Frame Material	25x25x3mm Box Section



Large Adjustable Panel

The frame of this panel can be unbolted trimmed off and bolted together again to create a panel to any length from 1200 – 1500mm.

Length (mm)	1200-1500
Width (mm)	25
Height (mm)	1900
Mesh Type	13*70mm Spacing, 2.5mm Wire
Frame Material	25x25x3mm Box Section



Small Adjustable panel

The frame of this panel can be unbolted trimmed off and bolted together again to create a panel to any length from 600 – 1200mm.

Length (mm)	600-1200
Width (mm)	25
Height (mm)	1900
Mesh Type	13*70mm Spacing, 2.5mm Wire
Frame Material	25x25x3mm Box Section

FLEXI PANEL OPTIONS

Flexi Frame

The Flexi Frame is designed to allow maximum flexibility when it comes to choosing panel inserts. The flexi frame can accept any one of the panel inserts which simply bolt in, currently there are two options however more will be available very soon.



Perspex Panels

We can provide Perspex panel inserts which are either clear or smoked depending on customer requirements. These inserts simply bolt into the flexi frame. Inserts can be mixed and matched on the top and bottom of the flexi panel.

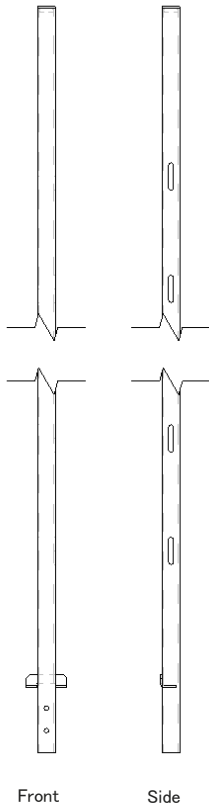


Solid Panels

We can provide Solid Steel Panels (2mm thick). These inserts simply bolt into the flexi frame. Inserts can be mixed and matched on the top and bottom of the flexi panel.



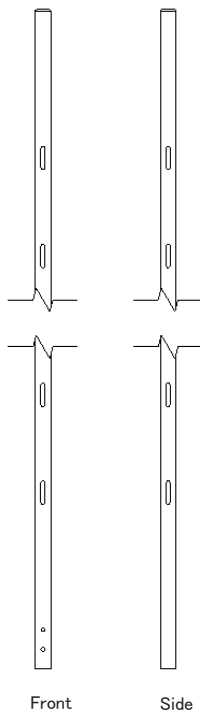
POST OPTIONS



Standard Post

The standard post is designed to suit the needs of most applications. The use of staggered slots instead of holes allows for maximum adjustability. The bracket at the base of the post makes positioning and installing the panels easy.

Height (mm)	2125
Material	40x40x3mm Box Section



Corner Post

The corner post has extra slots on all sides to allow for corner joints, the bracket at the base is removed to allow for maximum flexibility.

Height (mm)	2125
Material	40x40x3mm Box Section

FOOT OPTIONS



Adjustable Height

The standard post is designed to suit the needs of most applications. The use of staggered slots instead of holes allows for maximum adjustability. The bracket at the base of the post makes positioning and installing the panels easy.

Height (mm)	2125
Material	40x40x3mm Box Section



Standard

The corner post has extra slots on all sides to allow for corner joints, the bracket at the base is removed to allow for maximum flexibility.

Height (mm)	2125
Material	40x40x3mm Box Section

OPTIONS

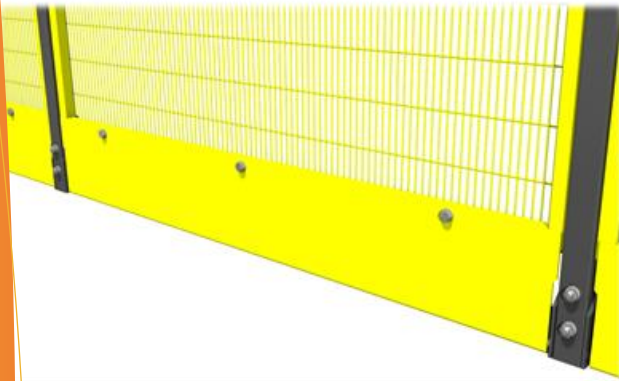


Standard Door Kit

The standard door kit comes with everything you need to add a door to your guarding system. The kit includes:

- Complete locking mechanism
- Lock
- Hinges

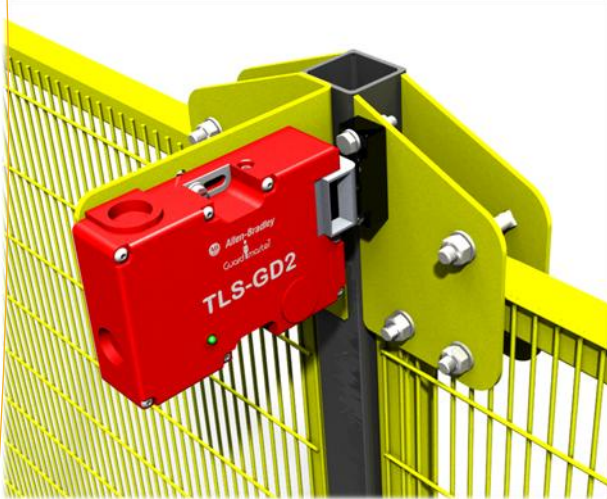
OPTIONS (Contd.)



Kick-Plates

The standard post is designed to suit the needs of most applications. The use of staggered slots instead of holes allows for maximum adjustability. The bracket at the base of the post makes positioning and installing the panels easy.

Height (mm)	2125
Material	40x40x3mm Box Section



Interlocks

The corner post has extra slots on all sides to allow for corner joints, the bracket at the base is removed to allow for maximum flexibility.

Height (mm)	2125
Material	40x40x3mm Box Section



Cable Trays

The corner post has extra slots on all sides to allow for corner joints, the bracket at the base is removed to allow for maximum flexibility.

Project Engineering also provides:

MECHANICAL DESIGN SERVICES

We adopt a partnership approach, working with our clients to develop new products, prototypes & bespoke systems. Our team of Mechanical Engineers provide Mechanical Design, product development & product design services.

PROJECT MANAGEMENT SERVICES

We have the skills and personnel to manage your project. We provide turn-key delivery of special purpose machines and bespoke systems. We apply our mechanical engineering skills to provide our clients with owner's engineer services.

CE MARKING SERVICES

CE Marking doesn't have to be difficult and time consuming. We can guide you through the maze of European Directives and Standards to help you achieve the CE Mark. CE Marking is a legal requirement for most types of product.



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