



Why FSM?

Capabilities

General Fabrication

Security Products

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Originally formed in 1978, FSM is a specialist sheet metal fabrication company based in Haverhill, Suffolk. Today it operates from a 14,000 square foot factory that offers a comprehensive service for both general sub-contract sheet metal manufacturing and the security door and access control industries.

Using the latest technology we are able to maximise both throughput and yield, efficiently handling a breadth of contract and sheet metal requirements. The facilities at FSM allow us to work with a wide range of materials, thicknesses and applications, accurately and cost-effectively. Our 3 x 1.5 metre Trumpf Truflow 4000 laser cutting machine is ideal for either short production runs or continuous profiling.

Quality control is maintained at each and every stage of the process. Our measuring systems ensure complete dimensional checks are made against drawings for each component with batch inspection of finished goods.

We pride ourselves on the importance given to customer relationships. Communication, our ability to listen and respond effectively sets us apart from our competitors.

FSM introduced 'Lean' to the shop floor to maximise efficiency and productivity and today it plays an important part in the company's success.

"One of the key elements of our success is the ability to quickly adapt to changing market conditions – this is why we focus on having a flexible, well trained work force who adopt lean manufacturing principles throughout their working day"

Colin Fellows, Managing Director



Capabilities

Design & Innovation - Whether your requirements are for a one-off item or for repeat batch production, FSM offers a complete bespoke design and project development resource. We use fully parametric solid modelling software with 3D capability and our team have a wealth of vision and knowledge to interpret the most unique concepts.

Project Management – From planning to delivery, every stage of your project is managed, inspected and controlled. Typically we allocate one team member to work with the client throughout the project; and our skill and experience enables us to deliver quality, precision, pricing and on-time deliveries.

Sheet Metal Fabrication & Laser Cutting - FSM has significant experience with laser cutting, CNC punching, folding, and welding. Our commitment to continuous investment in modern plant, equipment, software and training ensures we can provide precision and consistency for all your sheet metal products.

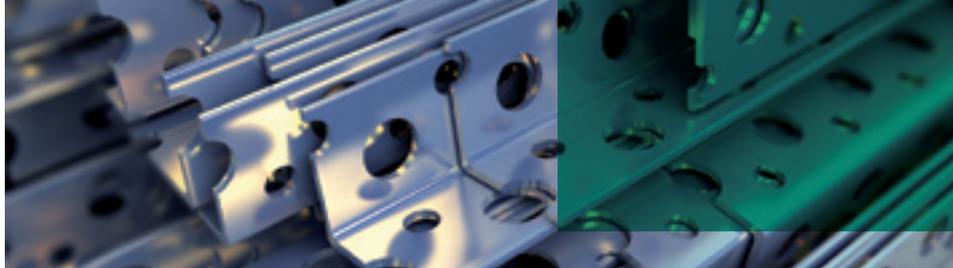
Our recent acquisition of the Trumpf Truflow 4000 laser cutting machine puts FSM at the forefront of cutting technology.

FSM offer a laser only or complete fabrication service that can run 24/7 if needs demand. Well known for some of the most complex work, our laser offers speed, accuracy and flexibility. It can cope with 20mm mild steel, 15mm stainless steel and 10mm aluminium.

Steel, Aluminium & Stainless Welding – FSM has seven permanent welding bays in addition to stud and spot welding. Our welding capabilities provide a range of metal joining solutions including Mig, Tig, Spot and Stud welding and our highly trained and skilled team can handle the most complex welding requirements.

Specialist Services – we provide engraving, plating and powder coating services and have developed our own unique technique (recognised by the RNIB) for the accurate application of braille characters to access control panels.





General Fabrication

FSM supply various sectors with all their metal work requirements. We offer general welding and fabrication in a variety of materials; from gates to machinery parts, fuel tanks to balustrades, or electrical enclosures.

We guarantee the desired standard of construction; designed specifically to meet your particular needs, across a wide range of applications.

Bespoke Fabrication

FSM recognise that our customers may from time to time have specific requests and we are able to produce one off items or cope with volume production to meet your specifications and requirements.

Our relationships with architects and designers throughout the UK means that we are often used as a preferred supplier for some very distinctive pieces of work.

This can range from a model of the Cutty Sark to lanterns fit for a palace. Some of our door entry systems have been designed to blend with prestigious London postcodes, where "non standard" materials and processes have been used.

Sectors

Retail Shop Fittings

We work alongside some of the biggest suppliers to the retail industry, from the mass market to independent boutiques. Some customers require only shelving, others need assistance with large sections of the store including stands, shelving and displays.

We specialise in Mild Steel, Stainless Steel, Aluminium and Brass. Our team of engineers possess a wide range of metalworking skills enabling them to manufacture to the highest of standards.

We have supplied an array of items for retailers, including component parts for mannequin stands, point of sale, shelving, mirror and till surrounds, cash desks, hanging railings, pedestals, plinths and cash handling equipment.

We can be extremely flexible on lead times and work to very tight deadlines due to planned opening of new stores or minimising closure times for refurbishing existing stores.

Construction Industry

FSM work with builders and large contractors on specialist metal work. These projects can range from large supermarkets to one off items for churches.

Typically we work with contractors or builders to deliver items for more complex builds. We also supply basic items such as flashings and drain systems for particular build types.

Specialist Sectors

Manual Handling Products

With the maximum lifting weight limit of 25 kilos, the need for manual handling products is increasing. FSM manufacture sub-contract components, which are incorporated into manual handling and shop floor lifting equipment and positioners.

Packaging/Automation Machinery Products

FSM manufacture a variety of components including sub assemblies and support frames, for use in automated conveyor handling equipment in the food, bottling and packaging industries.

We have also assisted with components for labelling machines and 'heat shrink' packaging equipment.

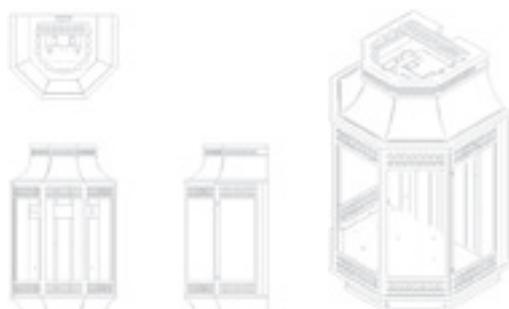
Business and Laboratory Furniture

FSM manufacture parts for use in office furniture including desks and their component part and support fixtures. We have also worked on reception areas and large banks of desks for trading environments that are adjustable to the individual user's height needs. The BBC has used our desks during their coverage of significant national events.

Other areas

FSM supply the component parts for many products ranging from:

- Racing car components
- Enclosures for public freephone information points
- Interior design concept furniture
- Museum model parts
- Mobility aids
- Trolleys
- Steel partitions and enclosures
- Lanterns
- Bespoke steelwork of all kinds



Security Products



Access Control Products

FSM run a standard range of access control products including fireman's switches, exit devices, CCTV camera housing, security screws and accessories.

The majority of the access control panels are made to the client's specification to combat anti social behaviour and vandalism. FSM also produce individual entry systems for the most exclusive postcodes in London, using a variety of materials including stainless steel, polished brass and antique bronze, which can be constructed in a variety of shapes and forms.

Our access control panels are typically manufactured from 316 grade stainless steel and can incorporate our own FSM developed standard or DDA compliant push buttons as well as proximity readers, cameras and sounders. Engraving, laser etching and braille are all undertaken 'in house' and are regular features on our panels.





Security Doors, Screens & Gates

FSM has offered design, manufacture and supply of access control and security products since 1982. Our range was originally developed primarily for the municipal market but has now progressed into the commercial sector as well.

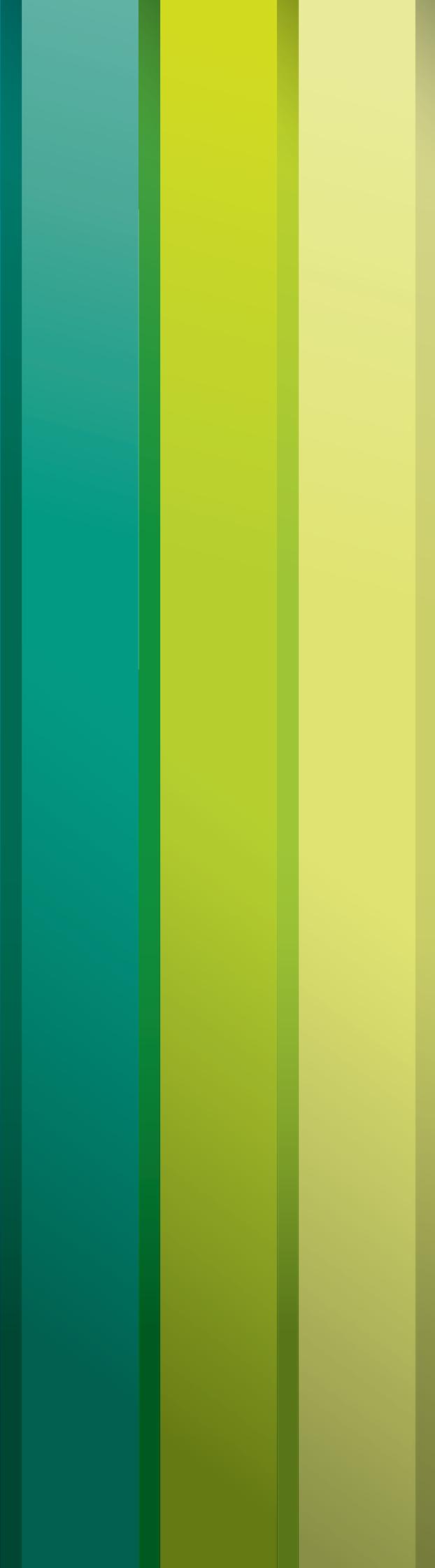
Typically bespoke, our security doors and screens are manufactured from stainless steel and mild steel. Our mild steel doors are then zinc phosphate primed and powder coated to a very high specification for optimum weather resistance. Stainless steel doors can be satin finished or powder coated, if required.

Our door glazing can be supplied in a variety of materials including shatterproof polycarbonate, laminated/anti bandit and toughened glass.

FSM are very experienced in building robust secure doors and were asked by a prestigious jewellery retailer, Fraser Hart, to develop a unique secure window system. FSM's technical team developed the concept through to production and it is now used within many of their stores.

Gates are typically made to your designs incorporating your preferred features and finishes. Manufactured in mild steel, gates are produced to fit a specific opening or entrance. All of our gates can include security access panels, locking systems and automation.

Full supply and installation can be provided.

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