

creative solutions :
designed & delivered

Aluminium Sectional Framework



Bosch Aluminium Extrusion

Since 1990

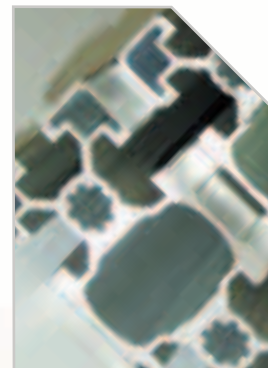
Steelman Engineering has built its reputation on innovative design, responsive customer service and superior craftsmanship.

Using Bosch Aluminium Modular Section, Steelman Engineering can customise solutions to meet your requirements. Professionally finished framework products include:

- High Class Production Modules
- Tool Racks
- CAD Stations
- Frameworks
- Safety Enclosures
- Guards
- Partitions

Aluminium Sectional Framework is made from bolt together pre-finished extruded Bosch aluminium box profile.

This tried and tested system is used to produce truly professional, ecologically friendly, strong and robust structures.



45 x 90 Section

steelman engineering

Aluminium Sectional Framework

light, modular and professional



Tool Rack



Rotating Welding Fixture

Bespoke solutions, through consultation.

At Steelman Engineering, we carry out an on-site consultation to discuss your requirements and specifications. Based on this information, we will then introduce you to the product range most suitable for your application and suggest one of the following options:

1. Supply uncut section with joining components
2. Supply pre-cut drilled/tapped sections as flat pack
3. Supply fully built assembly to specification

Aluminium is much lighter and easier to work with than steel but strong enough to support strenuous loads. You can assemble it quickly and easily, using only simple hand tools. Structures can be easily adapted as and when production needs demand.

Bosch Aluminium Press Brake Profile: Tooling Rack

Bosch Aluminium Profile serves as the base technology enabling different components, assemblies or modules to be easily configured to provide the optimum modular solution.

Utilising this system creates a multitude of advantages such as faster assembly, greater economy and a proven connection between design and function.

This system, once assembled, requires no further finishing such as grinding or painting.

Problem:

Expensive Trumpf tooling was damaged due to careless storage and production time was lost whilst trying to locate the correct tool for the job at hand.

Solution:

A Bosch Sectional Tooling Rack was specifically designed and installed for the client. Each tool has a labelled area in the rack. Tools are easily located and removed for use and due to the use of aluminium section tool, surfaces are no longer damaged.

Assembly Jig

Problem:

Our client required an assembly jig for a product which is in constant development. Their main concern was that each time the product was developed and subsequently modified, the jig had to be completely remanufactured.

Solution:

Steelman Engineering took advantage of the modular nature of the Bosch Aluminium Section to build the jig. Each time a change is required only part of the jig needs modified by

unbolting the existing piece and fastening a new one to the structure. The process created massive cost savings.



Articulated Arm Jig

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