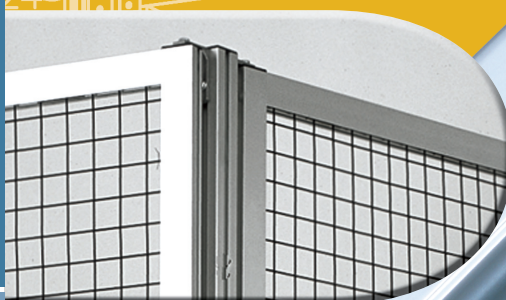


**NEW** – Additional  
Profiles and Mounting options

**HepcoMotion®**

**MCS**  
aluminium frame and  
machine construction  
system including  
**MFS** fencing  
system



Introduction

Introduction

The **HepcoMotion MCS** System offers an extensive range of aluminium profile sections plus all the connecting elements and accessories the designer could need. These modular components allow an almost infinite possibility of frames to be constructed for use in industrial machinery, guarding, storage and display applications.

The latest addition to the product range is **Hepco's MFS** – Machine Fencing System (see page 35). Fully compatible with the MCS ranges it provides economical barriers around machine installations such as gantries, pick and place equipment, floor mounted robot systems or any areas where the exclusion of personnel is required.

Profile machining and frame assembly to customer's drawings is carried out by Hepco with fast deliveries. Alternatively, specific cut or random lengths can be supplied to customers enabling construction of their own system. Frame design and specification is aided by the use of the **MCS CAD 3D** files, available in .dwg and .dxf formats.

Aluminium profiles are manufactured from Al6063-T5 to very close tolerances, and clear coat anodised to a depth of 10 microns, ensuring that frames are both accurate and resistant to scratching or corrosion. All manufacture is covered by full ISO 9001 certification.

The MCS System is particularly effective at replacing traditional welded steel structures at lower overall cost due to the massive time saving involved. Flexibility is increased compared to welded structures, since all elements are re-usable and additions can easily be made to existing designs at any time. Many of the brackets and connecting elements in the MCS System can be used with no machining involved, for maximum simplicity.

Hepco's extensive range of linear systems can also be mounted directly onto the MCS Profile sections and can be pre assembled in our factory to ensure parallelism. Additional accessories including sliding door systems, locks, etc., are available on request.

A full range of polycarbonate panels, clear and coloured, compressed foam panels in various colours as well as welded wire mesh panels – self coloured or powder coated – are available to complete your framework design.

Symbols used in this Catalogue



Size of profile T-Slot – specify connecting components to suit



Profile End Tapping Size



Components compatible with other systems. Contact Hepco for details.

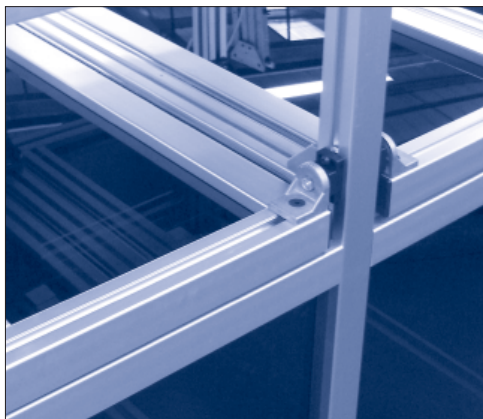


**MCS** Machine Construction System and **MFS** Machine Fencing System

## Application Examples

### Areas of Application

- Special Purpose Machines
- Work Benches
- Robotic and Manipulating Systems
- Machine Guards/Protective Frameworks
- Fencing and Enclosures
- Assembly and Packaging Machinery
- Exhibition Display Units
- Shelving Systems



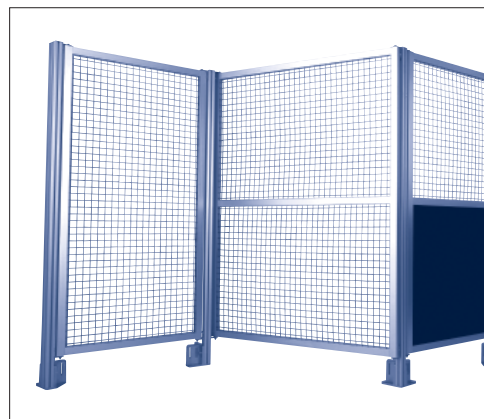
Exhibition Units



Special Purpose Machines



Access Frameworks



MFS – Machine Fencing System