



Newark

TM

element14<sup>TM</sup>

FSPT<sup>®</sup>

*Flat Sheet Plastic Technology*

Bespoke Enclosures made to your specifications - Without Tooling!

By **CAMDENBOSS**  
ELECTRONICS & ENCLOSURES  
[www.fspt.co.uk](http://www.fspt.co.uk)

Performance Engineered Interconnection and Enclosures delivered worldwide

## Custom Enclosures with Flat-Sheet Plastic Technology - No Tooling!

Custom designed plastic enclosures, housings, covers and panels without tooling. We develop and manufacture enclosures to your specifications using flat sheet plastic technology.

Combining years of engineering expertise, precision machining & innovative assembly techniques; any concept can be manufactured to your exact size and specification.

Our unique **FSPT** is ideally suited for low to medium batch quantities – from the most simple to the most complex of enclosures.

## Advantages

- **Rapid Lead Times**
  - 1 – 3 weeks prototyping
  - 3 – 4 weeks volume productions
- **Creative**
  - Industrial designers, technical sales & CAD/CAM engineers at your disposal
- **Inexpensive – No Tooling Charge**
  - Low design and set-up costs
  - Competitive unit pricing
- **Any Quantities**
  - From low batch runs of 5 to high volume 5000+ production runs
- **Flexible**
  - Make changes to the design quickly & easily after prototyping or after production

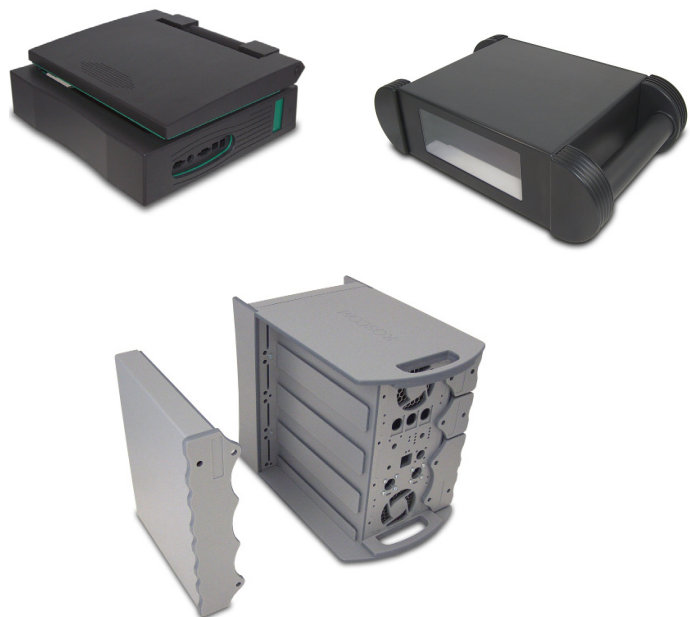


## CNC Technology

It would be easy to say that our **FSPT** manufacturing process has similarities with the principles of sheet metal fabrication. However, the quality and versatility of our process is superior in terms of its tolerances and therefore generally more suitable for a wide variety of applications across all industries.

**FSPT** is arguably the most innovative and economic solution for small to medium production runs of both simple and highly complex constructions.

## NO TOOLING!



## Engineering Expertise

Our industrial design engineers will work closely with you to maximise the functional, aesthetical and haptical impact of your product.

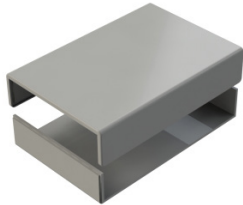
The final design will be constructed using state-of-the-art CAD/CAM technology. We minimise design revisions and therefore your cost and time, by ensuring all components are coordinated from the start of the project.

The prototypes and volume production are manufactured using the same assured production process, giving you production ready products from the first sample.

CamdenBoss offer full turnkey services as standard and include engraving, digital, printing, shielding, finishing, assembly and packaging.

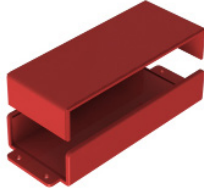
## Custom size Enclosures using standard designs- **NO DESIGN CHARGE!**

We have developed enclosure designs which can be quickly modified to your exact size and requirements. Additional customisation such as: cut-outs, PCB mounting pillars, recesses and various material colours can be accommodated **without design charges.**



### 7510 Series - Snap Together Enclosure

2 u-shape snap-together enclosures without fixing screws. A PCB can be clipped into the base shell without the need for PCB mounting screws. The Base and Cover can be different colours.



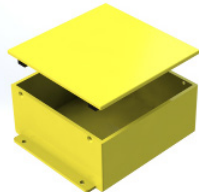
### 7520 Series - Wall Mount Enclosures

2 u-shape snap-together flanged enclosures without fixing screws. Flanges are incorporated into the base shell for surface mounting. The Base and Cover can be different colours.



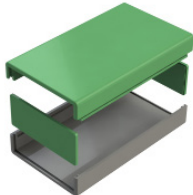
### 7530 Series - Base and Lid Enclosures

Base box enclosures with screw fixed lid. Brass Inserts are fitted to the lid for maximum internal capacity of the base box.



### 7540 Series - Surface Mount Boxes

Flanged Base Enclosures with screw fixed lid. Flanges are incorporated into the base box for surface mounting. Flanges can be added to the lid instead if required.



### 7550 Series - End Panel Enclosures

Four part snap-together enclosures with removable end panels. Ideal for housing PCB's with components protruding from two or more sides. End Panels, Base and Cover can all be different colours.

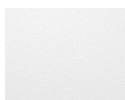


### 7560 Series - Flanged Base Enclosures

Four part snap-together enclosures with flanged base and removable end panels. End Panels, Base and Cover can all be different colours.

Available in a range of colours:

#### Textured



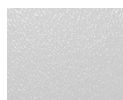
White



Silver



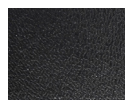
Granito



Light Grey

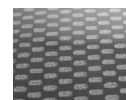


Anthracite

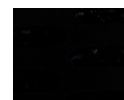


Black

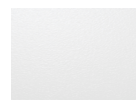
#### High Gloss



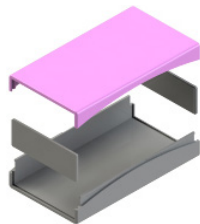
Carbon Fibre



Black



White



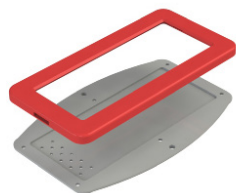
### 7570 Series - Curve Style Enclosures

Four part snap-together enclosures with curved feature and removable end panels. End Panels, Base and Cover can all be different colours.



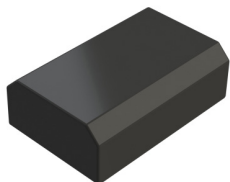
### 7580 Series - Tablet Style Enclosures

Low profile 2 part touch screen enclosures. Screen cut-out and screen fixing points can be changed to your requirements. Overall sizes and depths can also be changed to specific requirements.



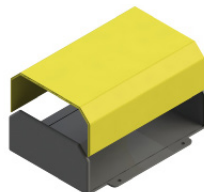
### 7590 Series - Flanged Tablet Style Enclosures

Low profile 2 part flanged touch screen enclosures. Screen cut-out and screen fixing points can be changed to your requirements. Overall sizes and depths can also be changed to specific requirements. Flanges allow for surface mounting.



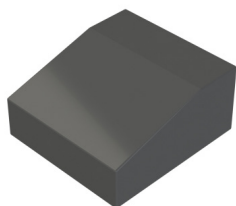
### 7610 Series - 45 Degree Enclosures

Clip together enclosures with 45 degree bends for superior aesthetics. Fixing blocks can be added for securing the enclosure.



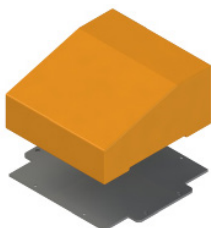
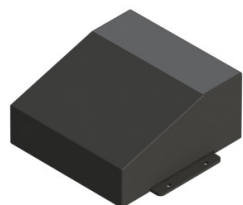
### 7620 Series - 45 Degree Flanged Enclosures

Clip together flanged enclosures with 45 degree bends for superior aesthetics. Fixing blocks can be added for securing the enclosure. Flanges allow for surface mounting.



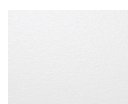
### 7630 Series - Angled Front Enclosures

Angled front enclosures designed for control applications. Removable base via x4 M3 screws. All dimensions, including the angle can be changed to specific requirements.



### 7640 Series - Flanged Angled Front Enclosures

Flanged Angled front enclosures designed for control applications. Removable base via x4 M3 screws. All dimensions, including the angle can be changed to specific requirements. Flanges allow for surface mounting.



White



Red



Green



Yellow



Orange



Blue



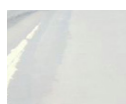
Lilac



Purple



Black



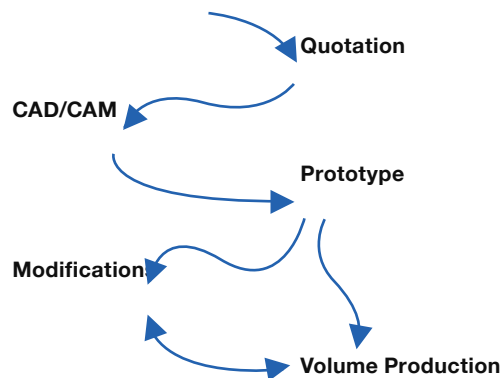
Transparent

Gloss

PETg

## Steps & Principles

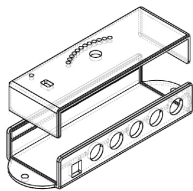
Ideas & Concepts



## Basic Construction Method

*Basic Construction*

Day 1



Week 1



Week 2-3



## Complex Construction Method

*Complex Construction*

Week 1



Week 2



Week 3-4



## EXAMPLE ENCLOSURES





# FSPT<sup>®</sup> EXAMPLE ENCLOSURES

Flat Sheet Plastic Technology



60 James Carter Road  
Mildenhall  
Suffolk  
IP28 7DE  
UK

+44 (0) 1638 716101  
sales@camdenboss.com  
www.fspt.co.uk  
www.camdenboss.com

Follow us on:

 Facebook: [www.facebook.com/CamdenBoss.Ltd](http://www.facebook.com/CamdenBoss.Ltd)

 Twitter: @CamdenBoss

 YouTube: CamdenBoss1

 LinkedIn: CamdenBoss