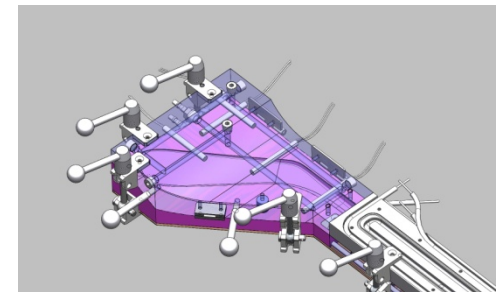
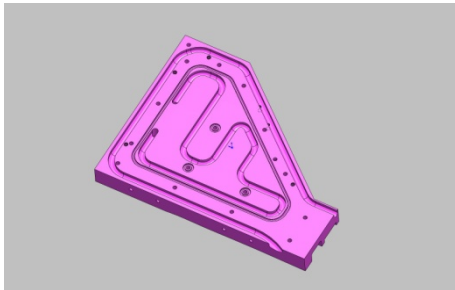
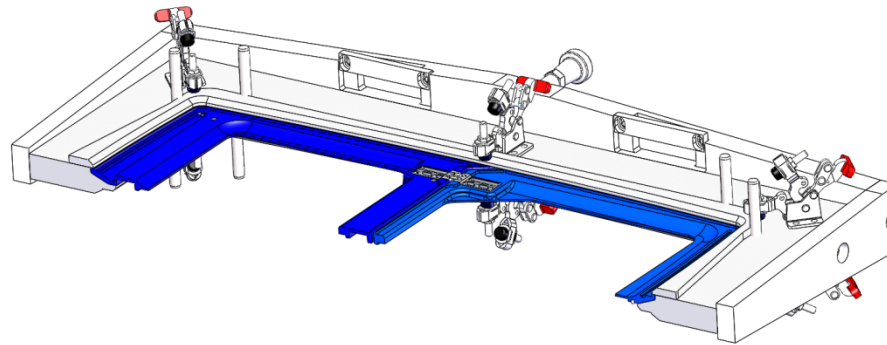
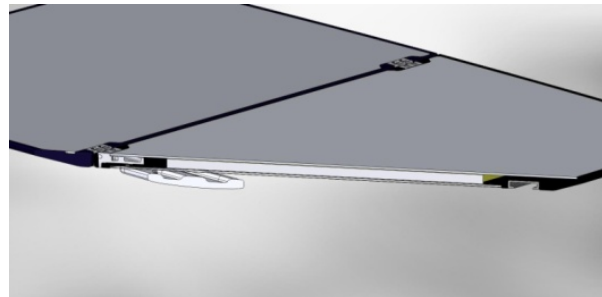


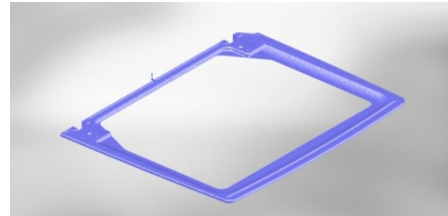
Technical / Project Portfolio.



About Caddology Ltd

Caddology Ltd is an independent company offering a range of Computer Aided Design solutions geared to the professional, technical business market. We at Caddology provide a bespoke service tailored to each client, fulfilling the remit to the highest standard. Our philosophy is to focus on the finer detail, whilst ensuring the assignment completes efficiently and to specification.

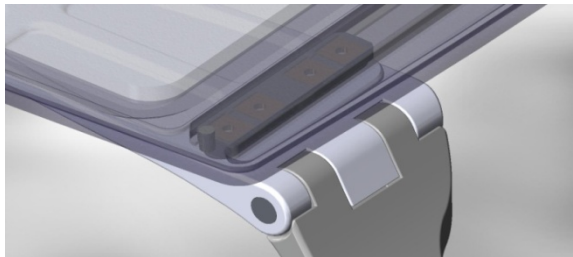
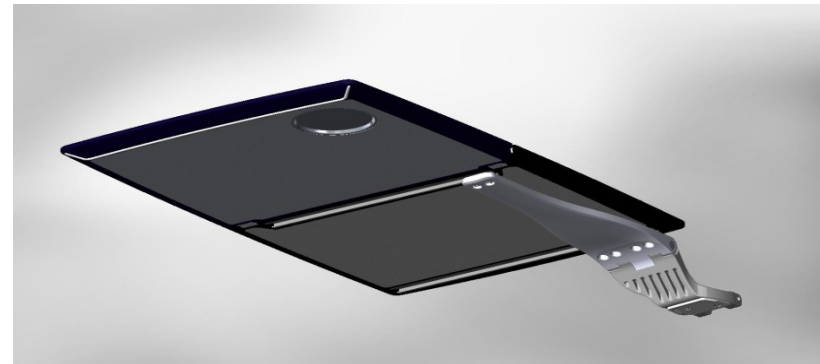




Rendering indicating colour options on composite moulded frames.

Solid Modelling / Design.....

CADDOLOGY has invested into, Solidworks, to ensure it can support all markets. Solidworks provides the perfect platform for meeting all draughting needs, from basic computer modeling to many areas of simulation including FEA. Solidworks is used by many Automotive and Aerospace manufacturers at all tiers.



Bi Fold Business Class Meal Table presentation images from Solidworks, for Crystal Cabin Award Entry in Hamburg 2010.

Gained place in last 10 entrants from 150 entries.

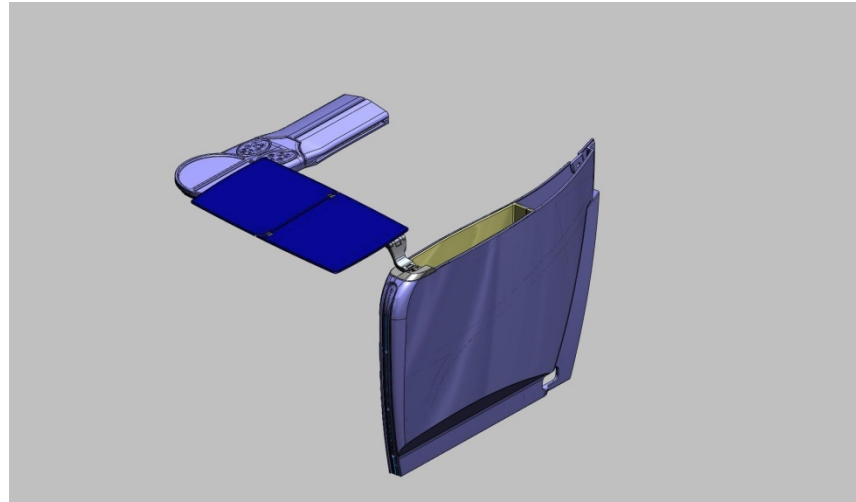


CAD Experience.....

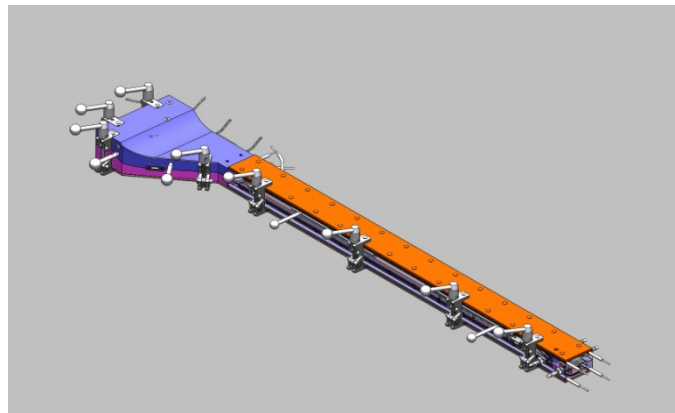
Caddology Ltd has used Solidworks extensively over many projects and contracts. We have over 10 years Solidworks experience.



Concealed Hinge
Design On Bi Fold
Meal Table Design.

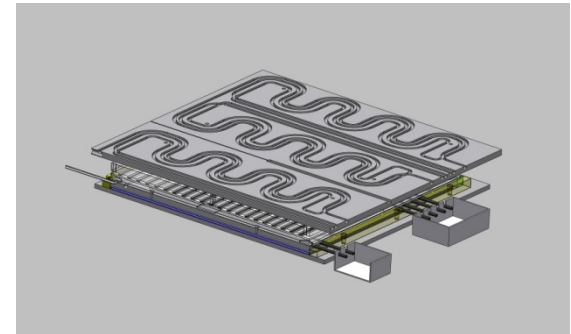


GA of Bi Fold Table attached to side arm assembly.



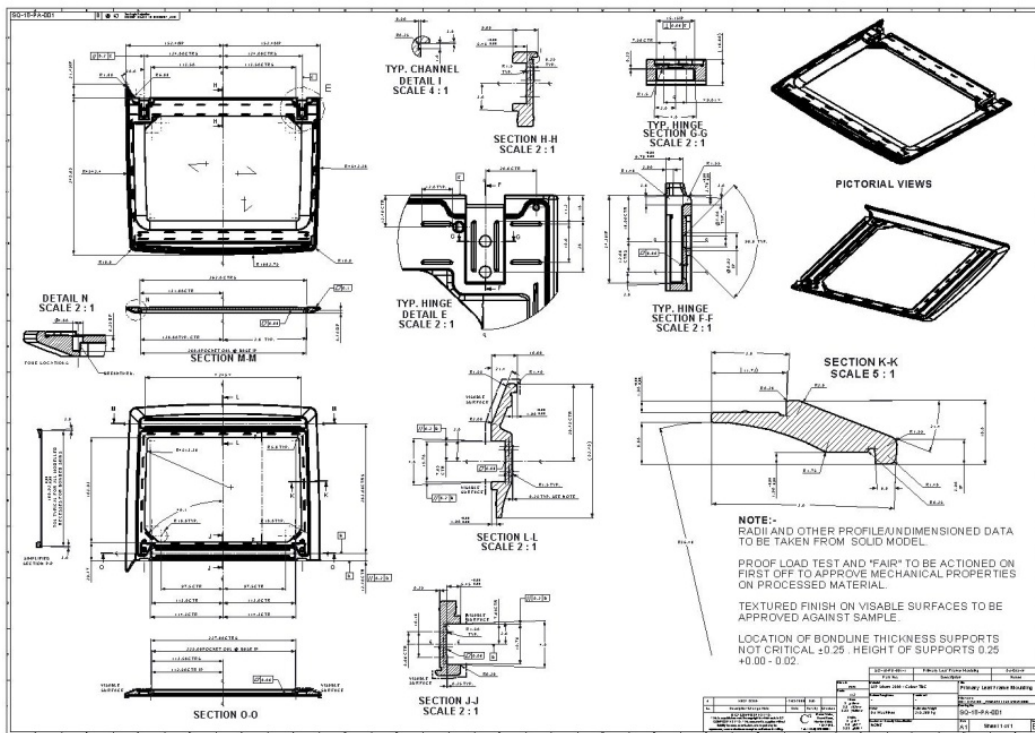
Solid Assembly Model of Composite Hockey Stick Tooling

Be-spoke design of Heated / Air Cooled Press Plate Assembly using Solidworks





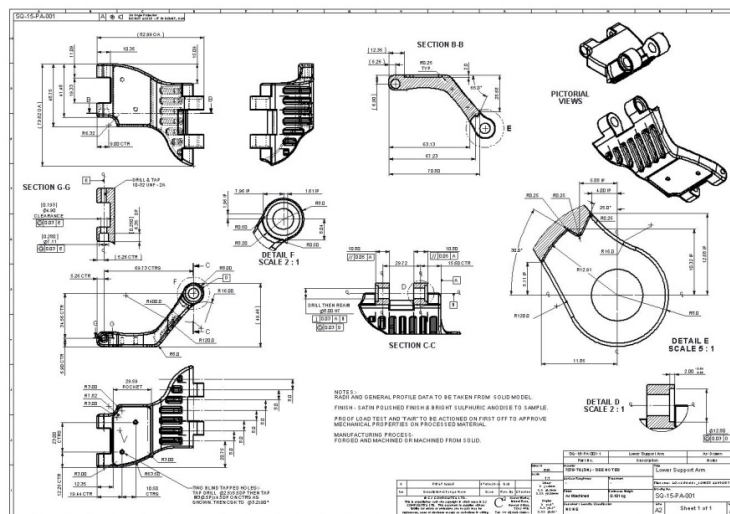
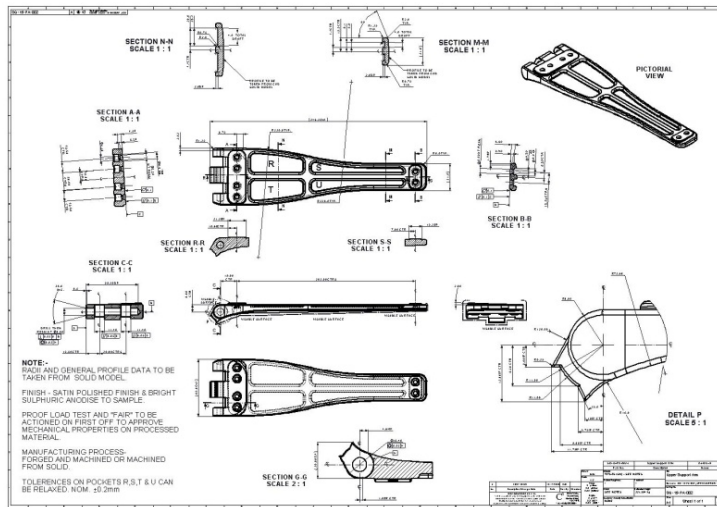
Detailing...cont...



Composite Injection Moulded Meal Table Frame – Material PEI Engineering Polymer

Detailing...cont.....

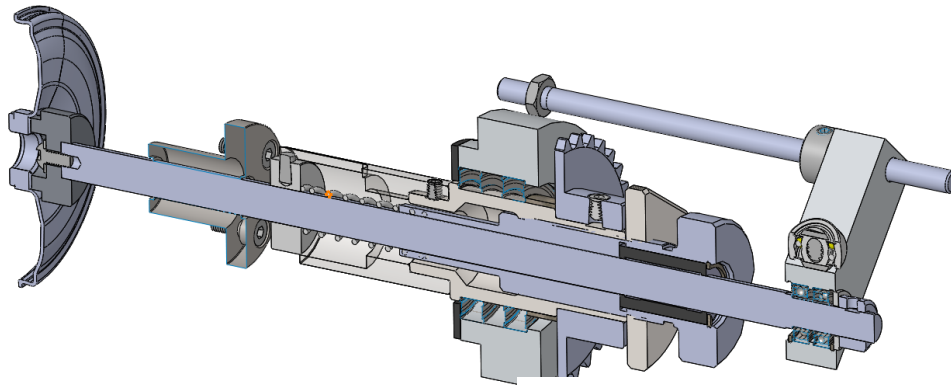
Caddology has experience to ensure correct levels of fit, form and function are part of the design whilst ensuring costs are kept to a minimum.



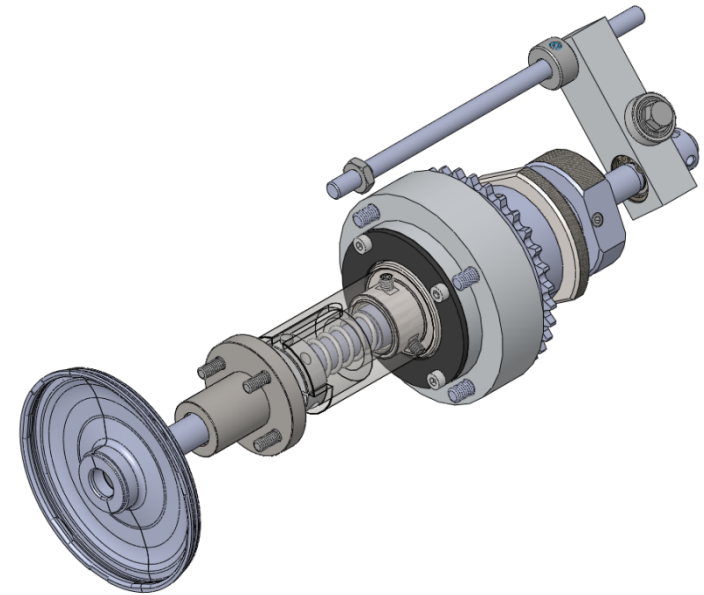
Upper Support Arm Forging
from Aerospace Grade
Aluminium Alloy AL7075.

Design...

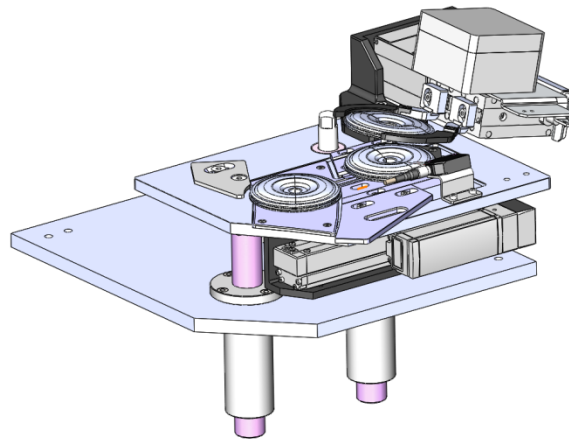
On various contracts, we have been involved with designing and detailing bespoke machine assemblies / parts, either in isolation or part of a team.



Locational Plunger device for bespoke machine design.

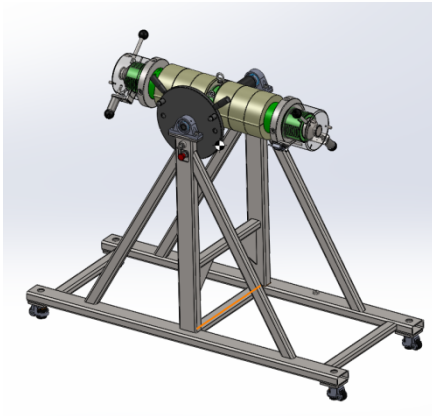
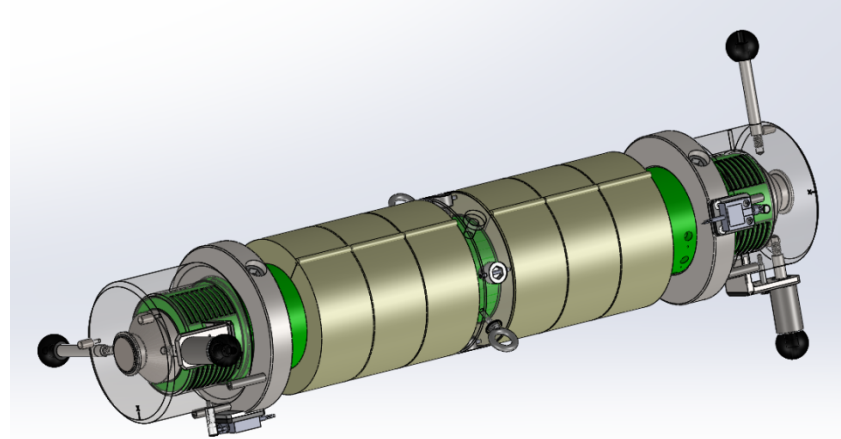
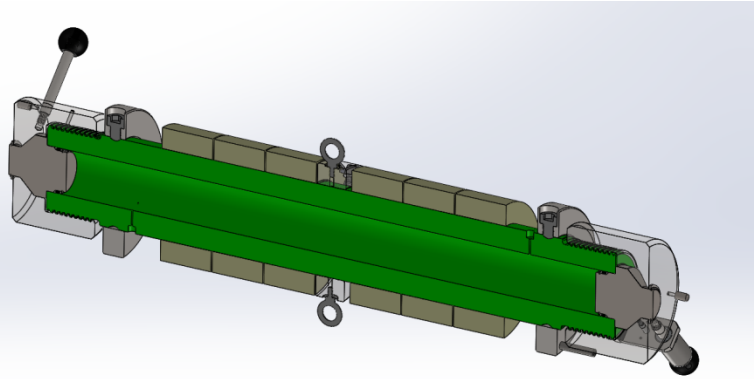


Pick & Place using electric actuators for the bespoke machine design.

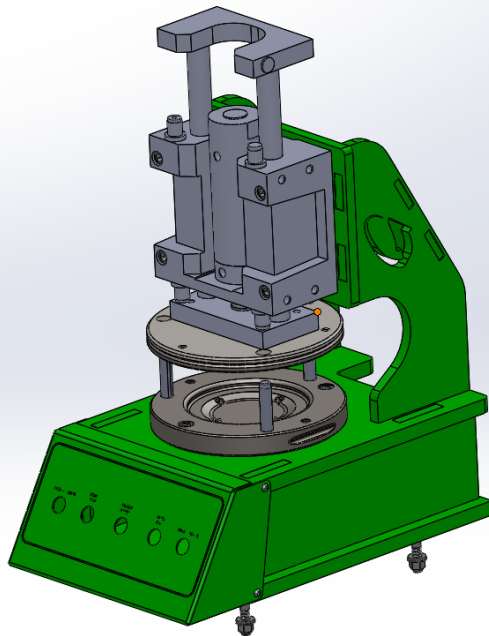


Design...cont.....

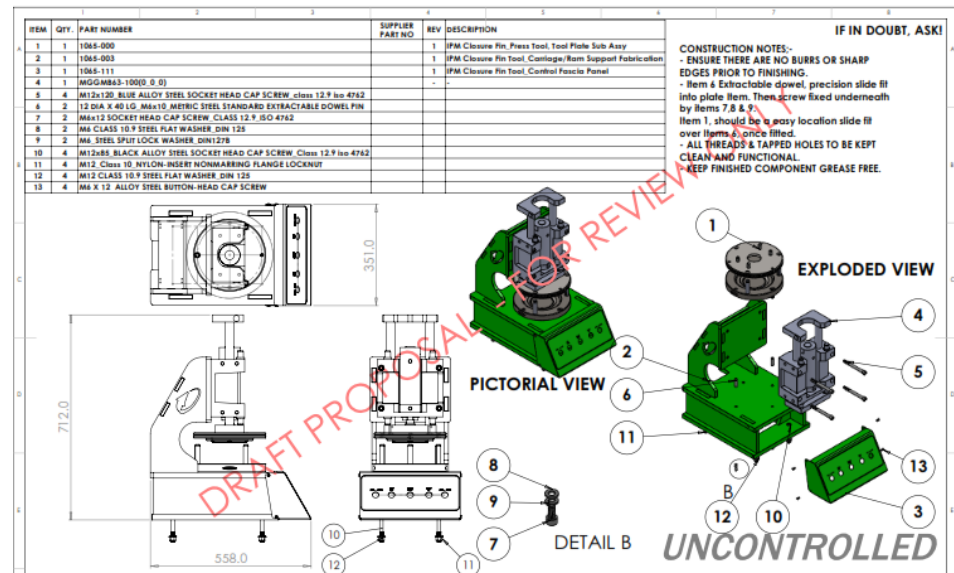
Contracts can encompass full design or evolving an existing design, as well as just detailing up a concept design to a production unit.



Bespoke high pressure test chamber.

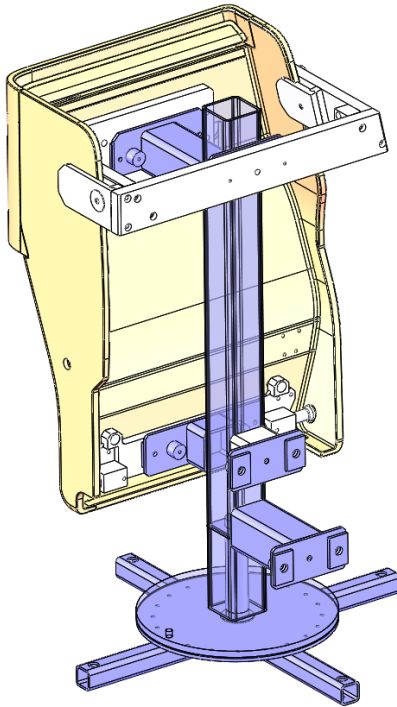


Bespoke hydraulic press and fixture.

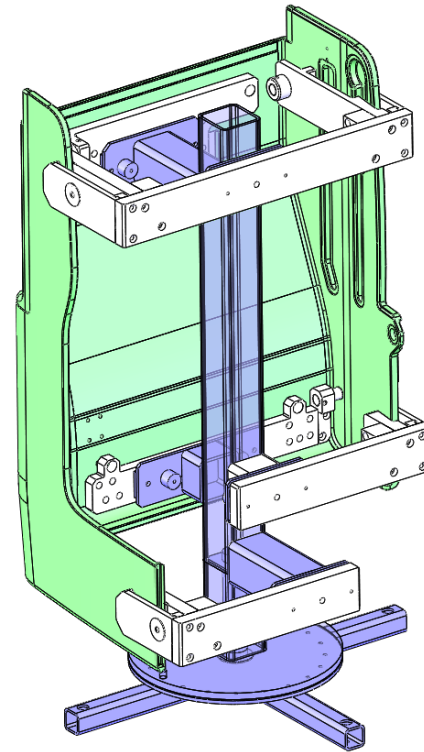


Design...cont.....

Jig and Fixture design is important to ensure tight positional tolerances are maintained during the assembly or the curing of bonded parts. Caddology Ltd has been involved in various projects, at all levels.



Bespoke composite carcass
bonding fixture, for commercial
airline seating.



Design...cont.....

Further fixture design, for the bonding of aircraft meal table leaf using substrate material. Fixture can be inverted to allow bonding to both sides.

