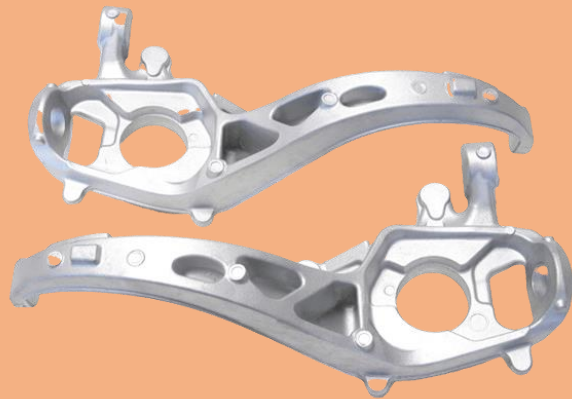




CastAlum Ltd is a Welshpool based company, internationally recognised for its expertise in the aluminium diecasting business.



“Designing Complex Conformal Cooling channels in Space Claim is a breeze”
Rhys Jones, AM Engineer - CastAlum

CASE STUDY

Goals/Challenges/Requirements

- For STL prep and modification
- To design and modify imported CAD,
- Imported CAD would often come in ‘Broken’ and need fixing
- Fix ‘Broken’ CAD ready for CAD CAM software packages.
- Being able to Modify .stl files has been a huge benefit
- Design Conformal cooling channels
- Adding machining stock to printing models

Results

- Quick turn around of design and iterations
- Designing complex cooling channels and adding machining stock is now far quicker, and more consistent
- We still use other packages to work along side SpaceClaim
- Reverse engineering Faro ARM Scan Data

Working with Us

- Ansys SpaceClaim used alongside Catia and AutoCAD
- Have been using the Software for over 2 years
- Fantastic support, quick response with excellent explanations