

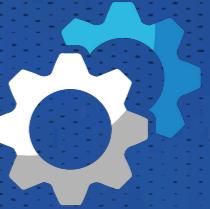
2D CAD SERVICES



01253 543259

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Imagine
Draughting
Services

Do you have 2D CAD Drawings to progress and need Support?

The main standard for shop floor and manufacturing are 2D CAD

Drawings to read against when creating parts for products.

As 3D Software has progressed it's now quicker and more efficient to project a 3D Modelled part onto a drawing template to create Front, Side, Top and Isometric views.

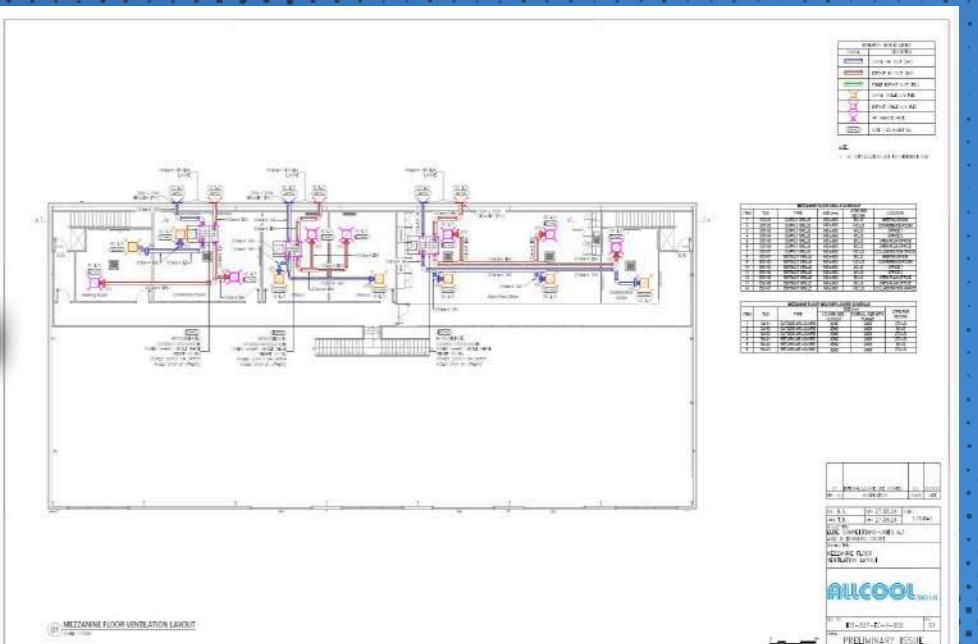
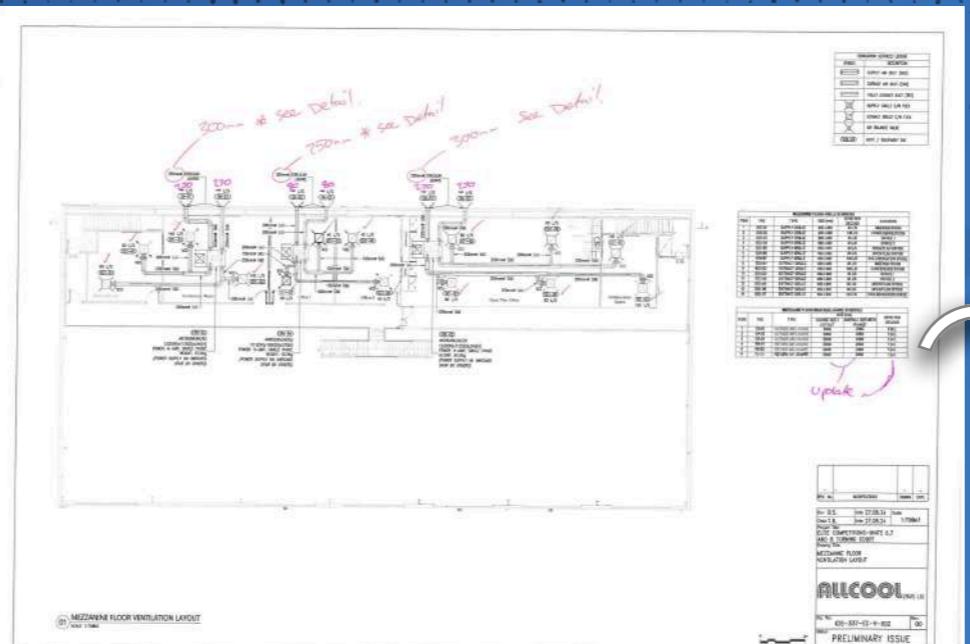
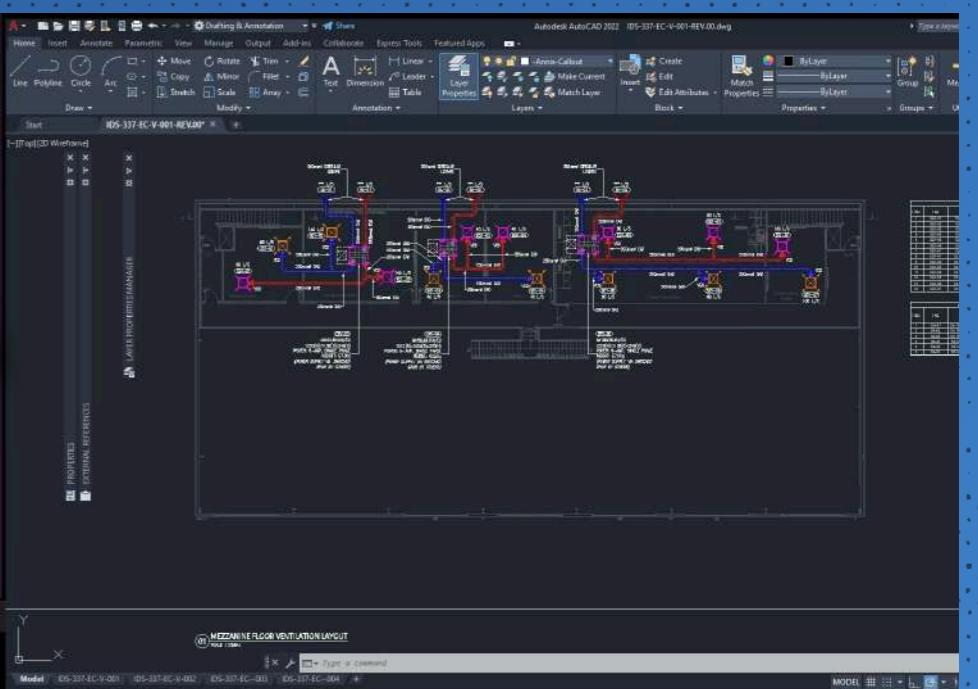
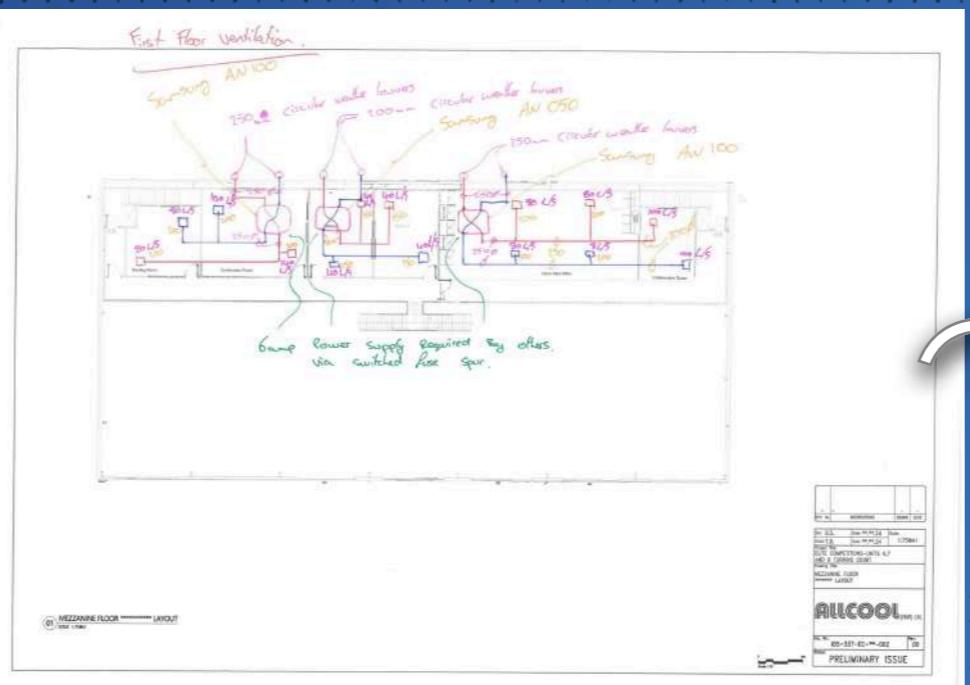
List of our services:

1. Mechanical Drawing Layouts
2. HVAC Drawing Layouts
3. Electrical Drawing Layouts
4. As Fitted Drawing Layouts
5. Site Plan and Location Plan Drawings
6. Change of Use Drawings
7. Building Regulation Drawings
8. Capturing Existing Building Layouts
9. 3 No Revisions Included throughout process
10. Fast Track Service Available

ALLCOOL
(NW) Ltd.

I have used Ryan & Imagine Draughting Services for around 5 years now for various mechanical service drawings including, adaptation of existing drawings and production of new, all produced from my hand sketches and turned around in a timely manner, excellent service provided.

Tom Berry - Allcool



3D CAD SERVICES



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3D CAD SERVICES

Using a range of 3D CAD Software, our Engineers create designs ranging from sheet metal to plastics, once the model is created a number of services can be offered such as Rendered Images, 3D Videos, 3D Printing and Technical Drawings which is an output from the 3D data created.

Once your project has been completed we can also provide a free viewable version of your 3D CAD product using eDrawings software, which can be rotated, zoomed-in and measured.

List of our services:

1. Product Design Concepts
2. 3D Printing Models Created
3. Sheet Metal Assemblies and Parts
4. Plastic Assemblies and Parts
5. Manufacturing Stage of Product Design

6. Revisions to Existing Designs
7. Comparison of 3D Models against captured data
8. 3D Models created for Rendering Purposes
9. Parametric Models for variable outcomes
10. Involvement of clients throughout the process



Doble Engineering have been working directly with both Alex and Ryan at Imagine Draughting Services over a number of years.

Both are superb at their roles and deliver high quality designs which will match your projects brief.

Paul Kirkman - Doble Engineering



CAD CONVERSION SERVICE



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CAD CONVERSION SERVICE

On some Projects valuable information already exists and can be implemented to speed up the 3D Design process. Drawings may have already been created providing dimensions, materials used, thickness and geometry to illustrate parts that make up a product.

Below is a summary of services we offer to convert valuable data into 3D:

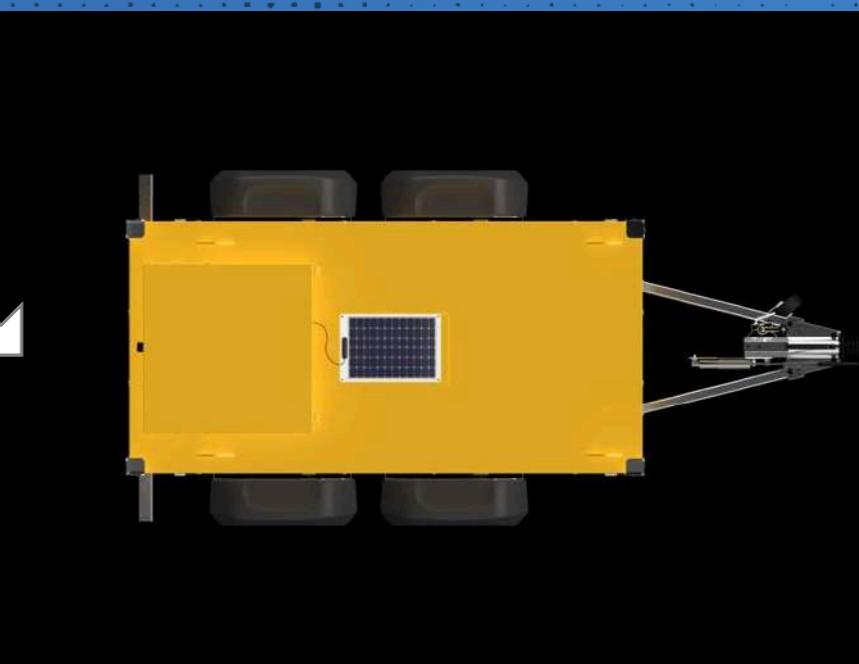
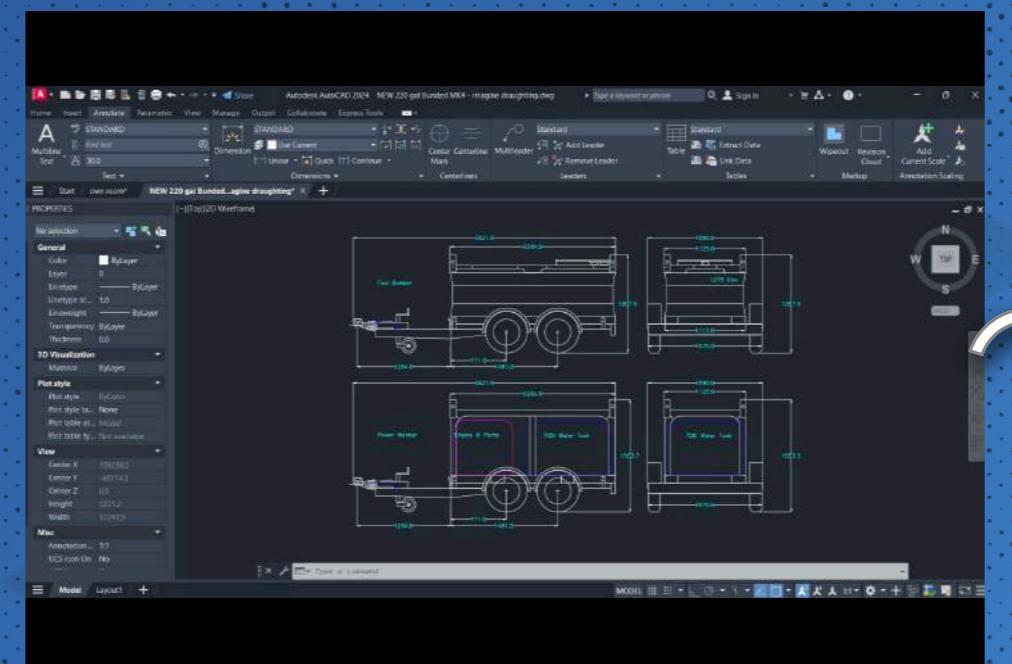
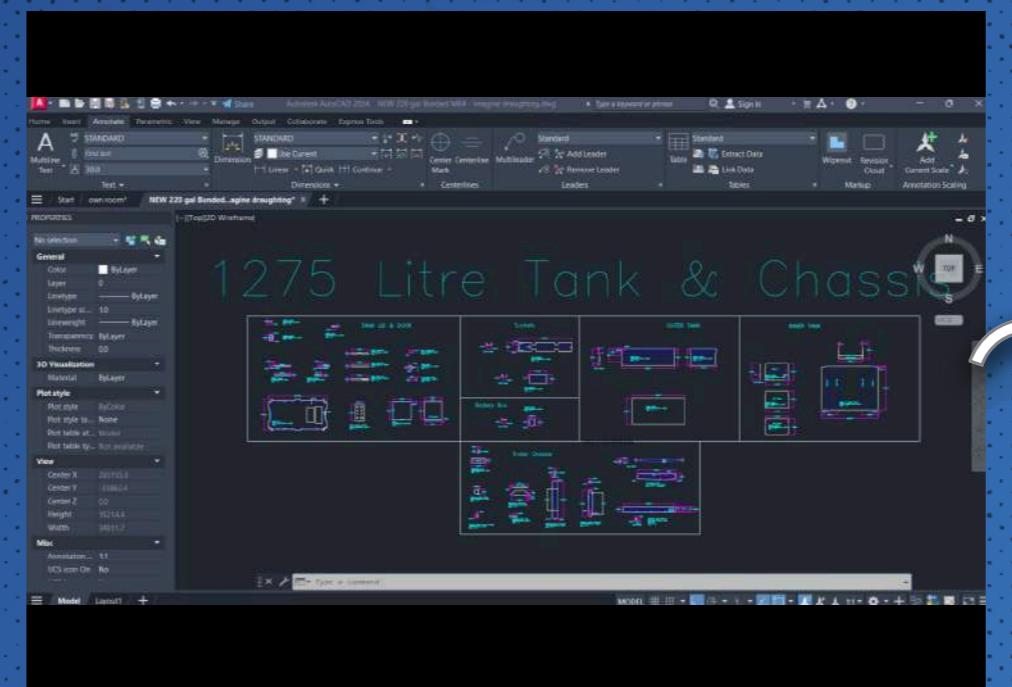
1. Paper to CAD Conversion
2. 2D AutoCAD to Solidworks
3. 2D AutoCAD to Inventor
4. DXF flat patterns to 3D Parts
5. STEP file to Parametric Model
6. STL file to Parametric Model
7. PDF to DWG Conversion
8. PDF to 3D CAD Conversion
9. Hand Drawn Sketch to CAD Conversion
10. Fast Track Service Available

If you have any queries prior to sending your .DWG data or hard copies then please email or call us today for assistance.



Ryan and his team delivered well, immediately freeing up resource for an urgent sheet metal re-draw project for one of my customers. They stuck to an agreed price despite some curveballs that inevitably showed up! An ideal solution for self-employed business that can't justify recruiting more staff due to unpredictable work.

Eamon McVeigh - Predator Trailers



RENDERED IMAGES

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info@imagine-dsuk.com
www.imagine-dsuk.com



You may have a product that doesn't exist and want to bring to life?

CAD Animation and Rendered Images are an excellent way to showcase your idea to potential clients.

If you want to improve the look of an existing product on your website CAD Animation and Rendered Images can be a cheaper alternative to hiring a professional photographer, click below for more details.

List of our services:

1. Various Materials Applied in Keyshot
2. Numerous Camera Angles of Renders
3. Section Views of Products
4. Exploded View of Products
5. Realistic Quality of Images provided
6. Different Stages of Product Uses
7. 360 Spinning Renders Available
8. New Images Provided if Revisions Applied
9. Architectural Renders Available
10. Fast Track Service Available

Clients review

Absolutely professional company with great communication and service. Imagine Draughting Services Ltd worked precisely and quick, I definitely recommend them and will surely use them in the future.

David F - Entrepreneur



REVERSE ENGINEERING

PRODUCTS

Existing Products can be Reverse Engineered in various ways, if you don't have CAD data available but want range of services we offer then Imagine Draughting Services Ltd can assist.

This can be done by 3D Scanning individual items or Assemblies and importing into Solidworks or Autodesk Inventor, alternatively more simple items can be measured with a vernier at our office.

List of our services:

1. Individual Items Scanned
2. Existing Assemblies Scanned
3. Buildings Scanned via Site Visit
4. STL to CAD Conversion
5. 3D Models progressed from Scan Data
6. 3D Models progressed from vernier sizes
7. Production Drawings produced
8. UK site visits for scanning
9. Items sent to our office for Scanning
10. Fast Track Service Available



This company have been very helpful over the years. They are willing to go the extra mile to provide an excellent service. The drawings they produce are very good and if alterations need to be made they do so quickly and without complaint.

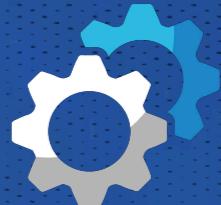
Johnna Caunce - Bison Products Ltd



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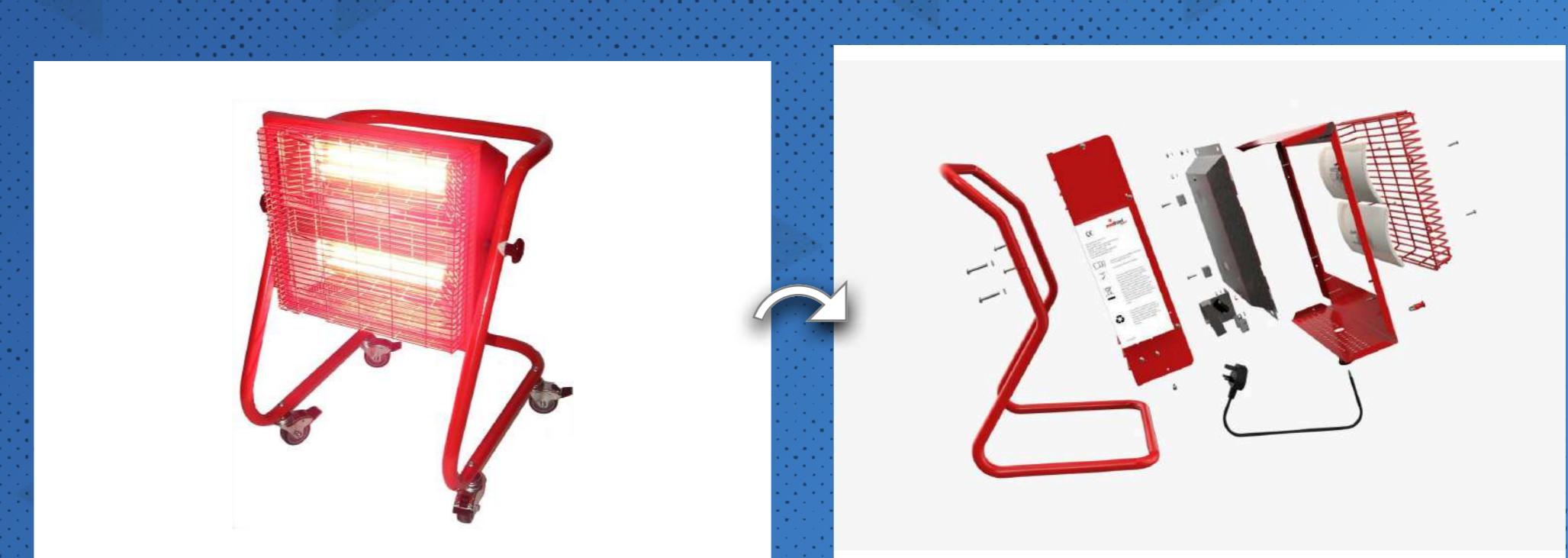
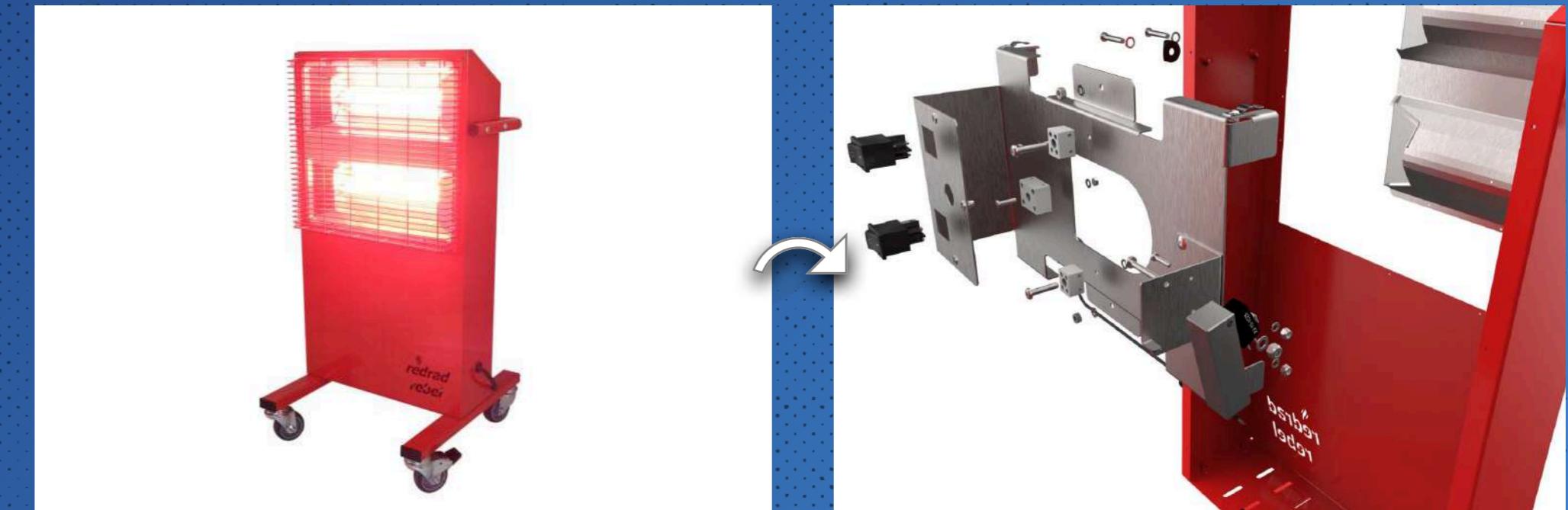
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Imagine
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DS SOLIDWORKS

KeyShot[®]
by Luxion



REVERSE ENGINEERING

BUILDINGS

Do you need to capture existing geometry of Building or Structure?

At Imagine Draughting Services we can attend site anywhere within the UK to survey and capture existing buildings or structures.

The captured mesh data is then converted into usable CAD data, should 2D or 3D CAD be required, depending on your requirements.

Below is a list of services included within our Reverse Engineering, specific to buildings:

List of our services:

1. Houses, apartments and flats
2. Commercial buildings, offices, shops and stores
3. Industrial buildings, factories and warehouses
4. Leisure facilities, restaurants, cafes
5. Hospitals and clinics
6. Educational buildings
7. Public buildings
8. Agricultural buildings, Farms
9. Religious buildings
10. Fast Track Service Available

Clients review

Imagine Draughting recently produced some As Built drawings for us, the service was excellent. They turned around our request over a weekend. From the initial appointment, to having the opportunity to review and approve the drawings prior to final issue was first class. I will definitely be using their services again and would recommend their services to anyone.

Peter Durrans - Client



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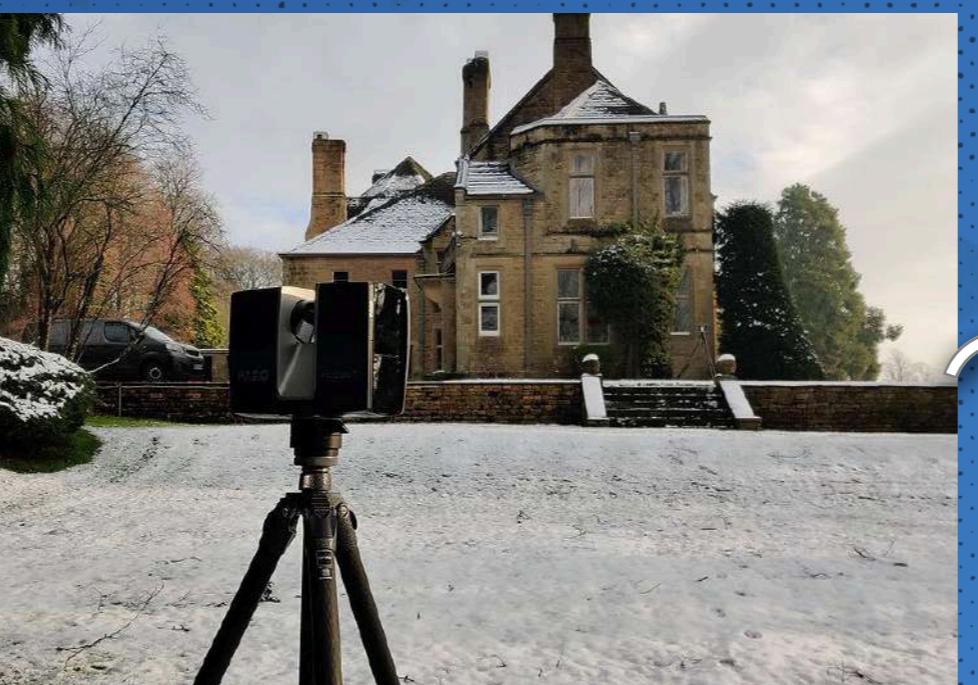


Imagine
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Leica



AUTODESK
AutoCAD



3D VIDEO SERVICE



Do you require a 3D Video for your Product or Project?

Do you require a 3D Video to illustrate your existing product or perhaps a product that does not exist yet?

At Imagine Draughting Services Ltd, we can progress a 3D Model on your behalf, then produce a Video to illustrate features, which can be easier for potential investors or users to understand.

Below is a list of services included within our 3D Video Services:

List of our services:

1. 360 Degree Video Illustrating Product
2. Key Features of Products (Operational)
3. Zooming into specific details
4. Making parts transparent
5. Exploding Products then Collapsing
6. Adding specific text or voice-over
7. Compressing for website use
8. Illustrating various colours and finishes
9. Showing Fixing Methods of Products
10. Fast Track Service Available



Imagine Draughting Services have great customer service and drawings always provided in a timely manner. 100% recommend.

Niamh Whittle - Fibaform Products



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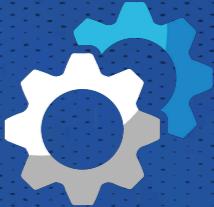
PROTOTYPE SERVICE



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Prototype and 3D Printing Support Required?

One of the main benefits of being able to progress 3D CAD Designs is the possibility of a physical prototype, this can be useful to get a feel for a product or show a potential inventor.

Using a combination of 3D Printing and outsourcing off the shelf parts we can create a 1:1 scale prototype for you.

Initially we will create a 3D CAD Model in Solidworks CAD software then adjust and revise directly with you, following which we are ready to progress the prototype.

List of our services:

1. 3D Printed Individual Parts
2. Physical Prototype Provided
3. Scaled Down Version of items
4. Testing of Fixing methods
5. Testing of Assembly methods
6. Carry Case Provided to protect parts
7. Numerous Materials available to print
8. Numerous Colours available to print
9. Outsourcing Supplier Quotation
10. Fast Track Service Available



Clients review

From start to finish, the service was brilliant. My designer Alex was patient, professional and went above and beyond to get my project going. I can't recommend Imagine Draughting Services enough. I will 100% be using their services again on my future projects.

Guy Cook - Entrepreneur



FAST TRACK SERVICE



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Imagine
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Should you have a project that is an urgent deadline or quick turn around required we can assist with our unique Fast Track Service.

This reduces our lead time on 2D CAD and 3D CAD Projects by ensuring it's assigned to an appropriate Designer swiftly and prioritised internally.

Our fee for this service is 15% amount of total quoted price, with some projects turned around in 1-2 days as opposed to 7 days.

For larger projects our standard lead time can be longer than a week, however the Fast Track Service still applies reducing turn around where possible. To assist further we can allocate a pair of designers or a dedicated team depending on the scale of the project.



IDS-373: AS BUILT DRAWING LAYOUTS – SECTIONS AND PLANS

- ⌚ 30 No drawings, similar to attached examples in your previous email, liaising with the Architect for any existing detail available.
- ⌚ Titleblock creation with your company logo sent for comment / mark-up by one of your staff / engineers.
- ⌚ Amendment of detail to suit mark-up.
- ⌚ Up to 3 No revisions included as standard (i.e minor tweaks text changes etc).



IDS-426: PLANNING PERMISSION DRAWING – ELEVATIONS AND PLANS

- ⌚ 1. AutoCAD Elevation of Existing Layout created.
- ⌚ AutoCAD Elevation of Proposed Layout created.
- ⌚ AutoCAD Plan View of Existing Layout created.
- ⌚ AutoCAD Plan View of Proposed Layout created.
- ⌚ Location Plan at appropriate scale created.
- ⌚ Site Plan at appropriate scale created.
- ⌚ Handover and 3x minor revisions included if required.



IDS-327: REVERSE ENGINEERING AND PRODUCTION DRAWINGS – PART DRAWINGS AND ASSEMBLY DRAWINGS

- ⌚ Receive Machine and Reverse Engineer parts, sub-assemblies.
- ⌚ Gather relevant information on motors, pipework involved.
- ⌚ Draw Sheet Metal, Box Section, Round Bar parts individually, adding unique drawing numbers and properties.
- ⌚ Create any Sub-Assemblies required, combination of parts.
- ⌚ Create Main Assembly 3D Model with all Parts Sub-Assemblies within along with fixings.
- ⌚ Once all 3D Models are completed, provide individual drawings for manufacture, along with DXF (for laser / cnc) and PDF for general viewing.
- ⌚ Finally create a front end drawing with various views such as Front, Side, Top, Sections, Isometric, Exploded, along with clear Bill of Materials and balloon items.
- ⌚ Send package for checking on Interference Detection, Hole Alignment, Quantity / BOM review. Project prioritised with numerous Designers involved internally, Reverse Engineered initially with parts and sub-assemblies submitted, followed by further design changes and improvements.



CONTACT US



Imagine Draughting Services LTD

From 2D to 3D CAD Services, Imagine Draughting Services Offers Expert Support for Your Design and Manufacturing Needs. Explore Our Gallery and Contact Us Today for a Tailored Quote.

Main contact

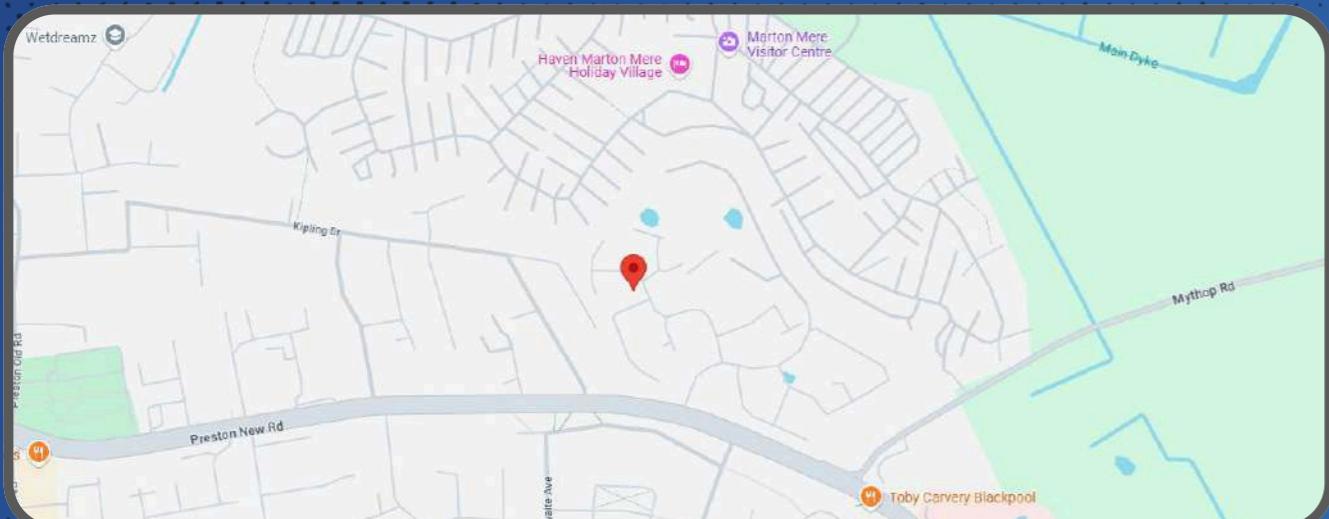
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Get in touch today for a quote!