



CRAFT AXIS

CLIENT CATALOGUE

Custom 3D printing and design services

From an idea or digital model to a physical part.
CAD design, prototyping and custom production
for businesses and individuals in Perth.

3D PRINTING

CAD DESIGN

PROTOTYPING

Let's discuss your next project

craftaxis.com.au

0452 651 145

01 / WHAT WE DO

Built around your project

Craft Axis helps turn concepts, sketches and 3D files into custom parts. Start with a ready-to-print model or ask for help developing your design.

01 Custom 3D printing

Print a one-off item, a prototype or a repeat order. Share your model, intended use and preferred finish so we can scope a suitable print.

02 CAD design and modelling

Develop an idea into a digital model using your sketches, dimensions or reference samples. Agree on the design scope before modelling begins.

03 Prototype development

Explore shape, assembly and fit with physical prototypes. Use what you learn to refine the design before committing to more parts.

04 Small batch production

Enquire about repeat parts, personalised products and short production runs. Quantities, consistency requirements and timing are quoted per project.

02 / MATERIALS AND FINISH

Choose the right approach

Tell us how the part will be used. Material, geometry, print orientation and finish are considered together when preparing your quote.

Materials matched to your application

From visual models to functional, outdoor and flexible parts. We help you select a material for the job.

Material options

PLA	Affordable prototypes and visual models
PETG	Durable functional parts and enclosures
ABS	Custom housings and functional prototypes
ASA	Outdoor components
TPU	Flexible covers, grips and seals
Nylon	Hard-wearing mechanical parts
Resin	High-detail display pieces and master parts

Tell us about heat, sunlight, chemicals, loads and critical dimensions. Material grade, colour, suitability and finish are confirmed with your custom quote.

03 / FROM CONCEPT TO PART

A clear path to production

A useful prototype starts with a clear brief. We work from what you have and define the next step around your project.

1

Share the brief

Send a sketch, photo, reference sample or digital file. Explain what the part needs to do.

2

Develop the design

Define dimensions, interfaces and appearance. Confirm the proposed design and scope of revisions.

3

Print and evaluate

Use a prototype to review the result. Request changes where needed before the next iteration.

NOW AVAILABLE

3D scanning and reverse engineering

We can 3D scan your object and provide a digital scan file, or reverse engineer your existing part or prototype into a CAD model for modification and further development.

File format, modelling scope and required detail are agreed with your quote.

04 / PROJECT INSPIRATION

What could we make?

Explore these example applications, then bring us your own idea. Each project is reviewed for design, printability and intended use.



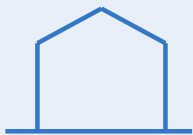
Organisers and holders

Custom storage, drawer inserts and workshop accessories.



Enclosures and prototypes

Concept housings, fit-check parts and development models.



Architectural models

Scale models and presentation components from supplied files.



Personalised products

Name tags, branded items, gifts and custom shapes.

Illustrations show application ideas, not completed client projects. Final designs and specifications are agreed for each order.

05 / START YOUR PROJECT

Send us your idea

Whether you have a finished model or an early concept, share the details below so we can prepare a relevant quote.

01 Your files or references

STL files for print review, or sketches, photos and dimensioned drawings for a design enquiry.

02 Size and quantity

Overall dimensions, number of parts and any mating components or critical fit requirements.

03 Use and appearance

What the part needs to do, preferred material and colour, plus any finish requirements.

04 Timing and delivery

Your required date and delivery suburb or postcode. Timing is confirmed after review.

Request a custom quote

craftaxis.com.au

0452 651 145

Perth, Western Australia

