

3D Printing Services

JBS Racing has purchased a Z-Corp 3D printer for use in house for race engine component research and development. We are also offering access to this service to local companies.

What is 3D Printing?

A 3D model of an object is created using a CAD package. The 3D model is automatically cut into thousands of thin layers by the 3D printer software. Each layer is printed using binder on to a powder filler (Think – binder = ink, filler = paper). The part is built up layer by layer into a 3-dimensional, tough, hardwiring solid object.

How would it benefit my company?

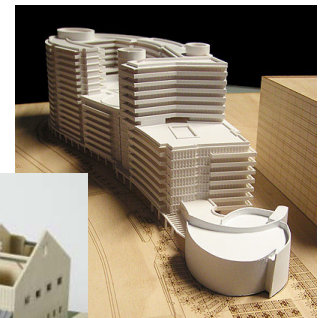
3D printing can be used as a powerful tool for communicating your project goals and deliverables to your colleagues, your management and your customers. 3D printing can be used as a engineering development tool for checking fit, form and function and even for making usable parts, tooling or moulds for parts.

JBS Racing can produce CAD models for you from 2D or sketches if needed.

Uses are limited only by your imagination but include –

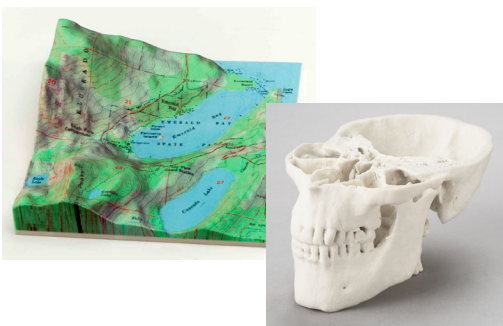


- **Architectural models of your building or site.**
Used for – project planning, access assessment, CapEx applications



- **Visualisation of concept products and prototypes.**
Used for – Customer sales, bid proposals, communicating to colleges

- **Engineering, Prototype, Demonstrator, Testing, Casting**
Used for – Fit, form & function. Tooling, moulds. Direct pour metal casting.



- **Geospatial, Medical, Museum & Educational Models, Art**
Used for – Cartography, Drainage surveys, Practice medical procedures, Displays and Exhibits, Works of Art