



zeal

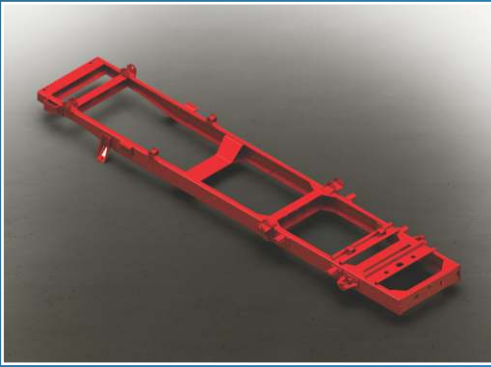
Zeal CAD services

We meet the needs of small businesses
that do not require a full time CAD Services

Established in Melbourne Zeal CAD is the one of leading mechanical engineering solution provider company in Australia and currently engages in variety of engineering projects to support our customers in their use of engineering technology.

We offer broad range of CAD services ranging from 2D drafting to advanced 3D surface/Solid modeling and analysis.

We are specialized in following areas



Truck Chassis Design



Hydraulic Design Solution for Water Treatment Projects



Bulk Material Handling System Designs



Hydraulic and Pneumatic Design with Flow Charts



Robotics and Automation Systems

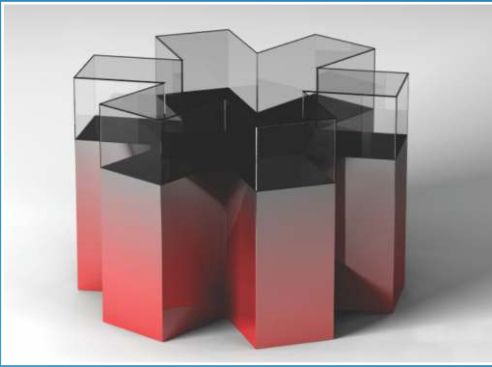


Machine Design with Functional Prototype Model

3D Scanning



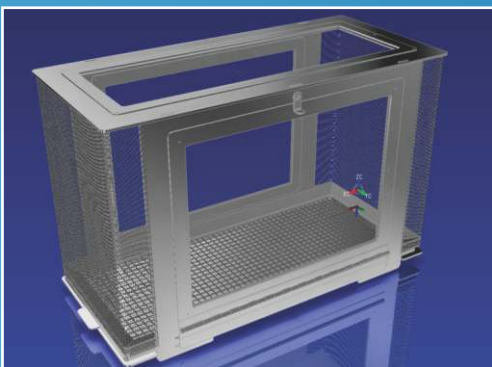
We utilize 3D scanning as a reverse engineering tool to gather component information accurately and quickly. Once obtained, this data can be exported to 3D modeling software for optimization or sent directly to a rapid prototyping machine for build. Once an object has been converted to three dimensional data, it can be used in many ways. It can be scaled up or down and milled on a CNC milling machine or used for a variety of rapid prototyping processes.



Display System Designs



Furniture CAD Drawings



Steel and Sheet Metal
Fabrication with Bill of Materials



Machine Tool Design
and Component Designs



Jig and Fixture Designs

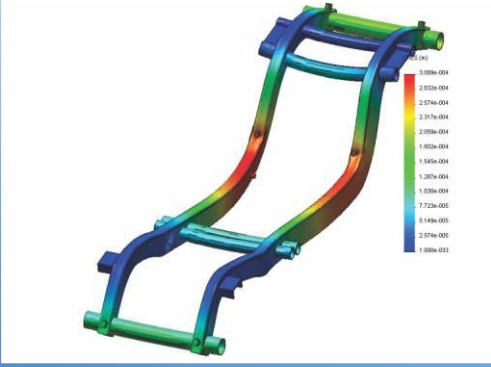


Fiberglass Designs and Moulding

3D Printing



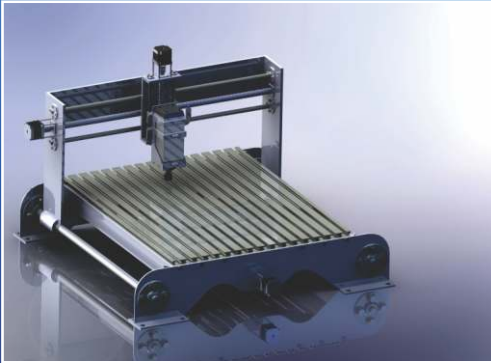
3D printing is a form of rapid prototyping that can produce physical objects direct from 3-dimensional CAD data. The process works by 'slicing' the data geometry into many 2-dimensional cross section layers and re-constructing them successively within the printer.



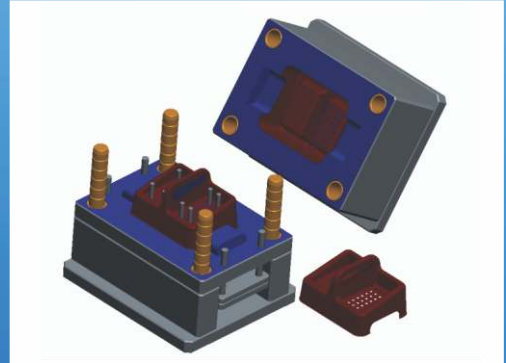
Product Design- Analysis/simulation



Trailer Design and Optimization



CNC Design Solutions



Plastic Moulding

Services We Offer includes

- Mechanical Engineering
- Mechanical Design Services
- Mechanical Drafting Detailing
- Mechanical 3D Modelling
- Mechanical Animation
- Reverse Engineering
- Conceptual Engineering
- Rapid Prototyping
- FEA Design Analysis
- Jigs Fixture Design

Contact

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Zeal CAD services

South Yarra
Victoria 3141
Australia

Contact: Kiran H.

M +6143031 3940
P 61 3 9886 9091
E info@zcads.com.au

www.zcads.com.au