

# Technisites Australia

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## COMPANY PROFILE

DESIGN, MODELLING & CAD CONSULTANCY SERVICES FOR THE  
MANUFACTURING INDUSTRY

### DESIGN MODELLING AND DRAFTING

#### DESIGN SERVICE

Technisites provides quality & reliable Design Service for the manufacturing industry.

WE PROVIDE THE FOLLOWING DESIGN SERVICES WITH UNIGRAPHICS NX.  
WE HAVE 30 YEARS EXPERIENCE IN THIS FIELD.

- Industrial Design for Engineering, Electronic, Automotive & Medical Components.
- Special Purpose Machine Design to your specifications
- Freeform Modelling of complex shapes
- All types of Injection Mould Design
- All kinds of Press Tool design for the sheet metal industry
- Drafting to Customer Standards
- Conversion of Legacy Drafting Data to 3D CAD
- Design of Jigs & Fixtures including Welding Fixtures and Measurement Jigs to customer specifications

TECHNISITES AUSTRALIA CAN UNDERTAKE TURNKEY DESIGN PROJECTS

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[www.technisites.com.au](http://www.technisites.com.au)

## 3D MODELLING SERVICE

We provide 3D Modelling service using Unigraphics NX in the following areas

### PART MODELLING

We Design and Model plastic, sheet metal or metal parts for automotive, electronic, housewares and medical industry using Unigraphics NX. Parts are optimised for tool design and production. Assembly models are created to test function and mock-up. Presentation slides and animations can be created if required.

### SPECIAL PURPOSE MACHINE DESIGN

Our designers are experienced in building variety of SPM's to customer specifications for automotive assembly applications and food processing applications.

### MOULD DESIGN

Experts in design of all kinds of Injection Moulds, Die-casting Dies and Gravity casting dies for automotive, food packaging and medical sectors in 3D. Our expertise includes designing multi-cavity dies for caps and closures.

### WELDING FIXTURES AND MEASURING JIGS

Experienced in designing welding fixtures and measuring jigs for the automotive industry. Some of the large welding fixtures we have designed are for cross car beams for cars and trucks.

## DATA EXCHANGE

CAD Data can be exchanged in Parasolid, STEP, IGES, DXF and DWG formats.

## CAD CONSULTANCY

We provide custom solutions to suit your business in the following areas

### CAD/CAM CONSULTANCY

We provide your business with custom solutions for your CAD/CAM applications. We specialise in customising Unigraphics to your specific requirements

- Exploit the full potential of your CAD/CAM application by customization.
- Most of the repetitive tasks performed with your CAD/CAM application can be automated using .NET, MFC & NXOpen
- Get low cost, high quality support for Unigraphics NX
- Customize Unigraphics NX with C++, C# .NET and VB .NET using NXOpen API
- Get a whole range of part families built with Unigraphics NX & spreadsheet.
- Build intelligence into your models and assemblies (Control an entire assembly just with expressions)

## OUR CUSTOMERS

Some of our major customers are

- Tupperware America
- Diecraft Australia
- NCI Packaging
- Diver Consolidated Industries, Reservoir
- Rian Industries Pty Ltd
- Dolphin Products Pty Ltd
- Robert Bosch

## FURTHER INFORMATION

### CONTACT US

Contact Suresh Amberkar on +61 402 455 381 for further information.

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