

3D Printers : Media Hype vs Reality

What can they really do? How easily? How much will it really cost you?

Edition : Professional concept modelling, functional prototyping, and tooling For Architects, Engineers and Designers



This warts and all introduction to 3D Printers breaks through the media spin and explores this evolving technology from the perspective of real industry and educational applications.

3D printers are available in three vastly different categories:

- **Hobbyist** user (Price from \$600-\$2000);
- **Prosumer/Professional** (From \$2000-\$7000);
- **High End Professional** (\$10,000-\$500,000).

Don't waste your money buying a 3D Printer way over spec for your needs, or that can not do what you need it to do!

We examine machines across the range from the perspective of :

- **Ease of use** and adoption
- **Total Cost Of Ownership** (initial purchase versus on-going costs)
- **Application** : What can they really do? What can't they do?

We look at successes and failures

Professional Architectural, Jewellery, Designer, and Engineering Models from a range of machines are discussed. They are also available to touch and examine. These examples include not only the "A Grade" prints, but more importantly, examples of what the 3D Printer used could not print; and an explanation of why, and which machine could have done the model more effectively and why.

This presentation will pay specific attention to the demands of Architecture and design, as well as engineering and precision modelling. We will explore printing for display, concept modelling, functional prototyping, tooling; as well as material options, tolerances and finishing techniques.

Who should attend?

Anyone thinking of buying a prosumer to professional 3D Printer for adoption within a professional or educational setting.

Length of Time

2 hours (inc extended Q&A)

When

Times/Dates variable
We will be holding these after and during bus hrs.
See : Bilby3d.com.au/courses

Cost

\$90 – Includes a \$50 machine discount voucher

Location

Alexandria, Sydney

Bookings

Ph 1800 847 333

