



Complete Engineering
e-mug Technologies Pvt Ltd.



Tool Design

At e-mug Technologies, we recognise success is assured only if throughput and quality issues are properly addressed in the design stage. To be successful, you need a set of powerful, intuitive, and integrated tools that work seamlessly across the entire design flow. Nothing is more frustrating and costly than having to rework designs when specific standards are overlooked.

It is here, we offer timely and cost effective solutions. Our solutions span tool/mould design & manufacture, 3D modeling, mould flow analysis covering filling, packing and cooling, forming tool simulation, material selection, to 2-5 axis CNC programming & machining. We also provide product re-engineering and re-design services covering digital scanning, surface modeling, data validation, digital mockup and rapid prototyping. All of our designs are completely modeled in a 3-D format. This not only prevents errors in detailing, it also ensures that no interferences are overlooked. In addition, it allows us to provide our customers with not only 2-D profiles, but also 3-D surfaces, solids, cutter paths, design validation and inspection data.

Benefits

- ◆ Experts for the Job
- ◆ Time bound delivery schedules
- ◆ Rich expertise aids in reducing tool cost. Ease of manufacturing is considered during tool design
- ◆ Designs are developed to suit best of your in-house capabilities

With our design expertise, you can save both time and money in construction through production. Plus, we will work closely with your company, assess your resources and standard operating procedures so as to provide seamless tool design solutions.

We offer Services in the following Areas:

- ◆ Sheet metal Die design
- ◆ Plastic injection moulding
- ◆ Foundry tooling design
- ◆ Forging dies design
- ◆ Jigs & fixtures design
- ◆ Tool design validation

