

Our Design Process

First Stages

1

Idea Generation

In most cases we find that our clients do much of their own research and thinking about possible solutions to the problem they have identified. Quite often they are the most qualified to do this because the idea relates to an industry or situation they are familiar with. For more technical problem solving, this stage is where we will begin.

Concept Design

Most projects begin at the design stage. This is where the design gets its natural form and function whilst keeping manufacturing methods and costs in mind. This stage can consist of a single concept if the specification is clear or a range of many different styles and ideas for maximum innovation.

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Concept Development

This stage takes the preferred concept idea or combination of features and adds detailed engineering development and refinements to enable prototyping to take place.

Prototype Construction

The design will most commonly be constructed through 3D printing and other rapid prototyping techniques. This can encompass many materials from plastics and rubbers through to ceramics and metals.

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Note

This is a simplified process and your project may require further stages and repetitions in order to achieve the best outcome.

Our Design Process

Further Stages

5

Prototype Development

Following on from construction, areas of improvement are identified and the design further refined. Different prototypes may be constructed and manufacturers consulted before deciding the product design is ready for production.

Manufacture Design

Our designers are skilled in many manufacturing processes and know how to create a design for a high quality and cost effective production outcome. This stage involves communicating the design to the manufacturers using engineering drawings and other specification information such as a bill of materials (BOM) or general assembly details.

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Production Assistance

We can also create bespoke packaging to make your product stand out and enhance the user experience. If you need help with branding design such as logos, graphics and product launch websites just ask to find out more.

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