

# **James Barr Design Ltd.**

## **Product Design Consultancy**

A brief introduction...

3D CAD - Concept Design - Engineering - Prototyping - Production

Thank you for taking the time to find out about us.

Established as a limited company in 2014, we have worked with a wide range of SME's and entrepreneurs to develop new products and explore ideas with commercial potential. Company owner James Barr has extensive experience (since graduating in 1999) taking concepts through to production and has an established network of associates who can support with prototyping, IP and cost effective manufacture.

### Services include:

- Concept design and feasibility studies.
- 3D CAD for prototyping (development models to prove an idea works in terms of its form and function).
- Production of prototypes using in-house 3D printer and external specialist model makers.
- Engineering using 3D/2D CAD to create the data which is used for manufacture.
- Reverse engineering (including 3D scanning) of reference parts for re-manufacture.
- Marketing and promotional visuals commonly used for crowd-funding and advertising.
- Technical documentation (Assembly instructions).
- Packaging (Bulk shipping and retail).
- Intellectual property protection. Support of patent applications.
- Manufacturing liaison with vendors across the UK, Europe and far east.

Based in Redhill (near Gatwick, Surrey), we are well situated to serve companies based around the south east of the UK, but can easily work remotely with clients across the country. Regular communication with clients is important and even when working remotely, it's simple nowadays to share progress, images and have video calls to keep in touch.

Whilst no two projects are ever the same, with almost 25 years experience across a wide variety of market sectors, we have a wealth of knowledge and experience to draw from. We support both large and small clients, from global brands such as Krispy Kreme to lone entrepreneurs with ideas.

We have extensive commercial experience designing for injection moulding, sheet metal, resin and aluminium castings, extrusions and CNC. Prototyping is of course hugely important and over the years we have built an excellent relationship with a number of professional bureaus. Our in-house rapid prototyping technologies enable us to evaluate designs quickly and efficiently to explore form and function (we can even produce prototypes up to 500mm<sup>3</sup> in-house).

### Market Sectors:

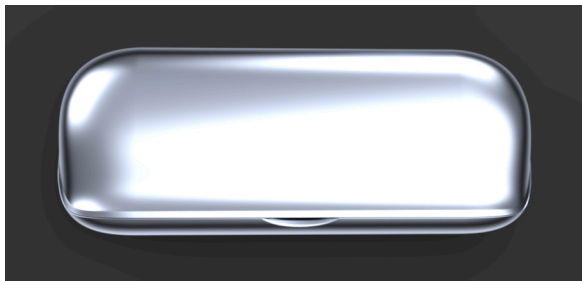
- Consumer electronics - HIFI equipment, loudspeakers, AV, handheld devices.
- Medical Equipment - Laboratory equipment, disposable diagnostics, roll stands and patient entertainment.
- DIY and Industrial - Measurement devices, tools and building site equipment.
- Signage and POS - Large scale digital way-finding, touchscreens, kiosks and payment terminals.
- Security - Access control, bio-metrics.
- FMCG - Drinks containers, structural packaging.
- Military - Bipods, tripods, custom triggers
- Industrial metalwork

**James Barr Design Ltd.**

Product Design Consultancy

Past projects

3D CAD - Concept Design - Engineering - Prototyping - Production





# James Barr Design Ltd.

## Product Design Consultancy

### Testimonials and company details

3D CAD - Concept Design - Engineering - Prototyping - Production

*“ Reliable, trustworthy and responsible. He is creative and able to communicate his design concepts effectively through the use of 3D CAD and rendering software.*

*Hard working, well organised and extremely personable having a natural ability to get on with everyone who came in contact with him. “*

*Tony Lee*

*Director - Lee Design Associates*

*“ James managed a team of designers and technicians and was responsible for product design over a range of Audio Visual brands owned by Armour.*

*An important part of his role was to ensure that projects were managed to time and budget. “*

*Dr Mark Collingwood*

*Director of Product Development*

*Armour Home Electronics*

*“ James has supported R’Care with both his creativity and technical ability to develop a family of new products for us.*

*Working with European manufacturing partners he has developed attractive and economic products underpinned by a good understanding of our market requirements. “*

*John Gough*

*Director - R’Care KFT*

### Company Details:

Company Number: 9142836  
VAT Registration Number: 215 9431 14  
Registered Offices: James Barr Design Ltd. c/o GBJ Chartered Accountants,  
27 Hatchlands Rd, Redhill RH1 6RW

Postal Address: James Barr Design Ltd, 33 Spencer Way, Redhill, Surrey, RH1 5LF  
Website Address: [www.jamesbarrdesign.co.uk](http://www.jamesbarrdesign.co.uk)



**James Barr BSc(Hons)**