



## Case Study: Knowledge Transfer Partnership with bigHead Bonding Fasteners Ltd

### bigHead Bonding Fasteners Ltd

Since 1966, the company has been making original bigHead fasteners for some of the world's leading brands in automotive, composites, marine, construction, transport and countless other industries.



### KTP Objective

The KTP set out to add to the company's existing business capabilities by building a new business offering that provides manufacturers with high volume product and process solutions for the integration of bigHead fasteners into composite manufacturing processes.

### Benefits to bigHead Bonding Fasteners Ltd

A KTP is a cost-effective way to bring new ideas, energy and perspectives to your business. Some of the benefits realised by bigHead are:

- Developed a new Lean Bonding solution for light-weight applications
- Additional resource gained through the employment of the original Academic Supervisor, which led to the formation of an Innovation Team
- Staff trained in relation to the new procedures established as a result of the KTP
- Investment in capital equipment
- techHub publications generated, which are available on the company website

### Benefits to Cranfield University

- Teaching materials for three MSc courses within the Cranfield Composites Centre
- Two postgraduate research projects established
- Concepts generated used for Cranfield research, including a proposal for public funding
- Publications in engineering journals anticipated

### Benefits to the KTP Associate

- Work experience in an industrial environment as a project manager
- Personal development budget of £2k/annum and a targeted personal development plan
- The Associate received a job offer for a permanent position from bigHead following project completion
- Development of commercial acumen and negotiation skills
- Self-confidence and leadership
- Significant international exposure and experience