



Job Title:	Design Engineer
Department/Team:	Design
Reports To:	Design Supervisor
Location:	Chiswick Avenue, Mildenhall
Date:	August 2025

Job Purpose

To design products that can be manufactured first time efficiently and profitably.

Key Responsibilities

- Be an expert/super user of Solid Works and Autocad, using both programmes to produce high quality 3D models and technical drawings related to JKH's product and mould range.
- Design and draw complex drawings, sharing knowledge and experience with the Junior CAD Designer and CAD Technician.
- Take ownership of projects from concept to completion, working closely with all departments to ensure the successful design, development, and delivery of products that meet customer requirements.
- Amend and update drawings when required.
- Maintain and update Cadly (drawing management system) with standard drawings.
- Liaise with the sales team to raise designs from customer briefs.
- Support the Business Development Manager and sales team in winning work through designing strong and effective design solutions whilst minimising costs to produce and manufacture.
- Process orders through the business by generating approval and production drawings, recording product data, planning manufacturing steps and producing associated documents.
- Ensure production is efficiently planned to achieve customer expectations and maximise profitability.
- Review progress of orders in the business to ensure customer expectations are met for jobs where responsibility has been assigned.
- Contribute to the design and development of new product and mould designs and modifications.
- Liaise with production to ensure that they have correct technical drawings and the necessary information.
- Work with and have good relationships with all stakeholders to support drawing and design development and quality of products.
- Recommend, implement, and develop innovative ways to working to increase productivity, taking a proactive approach to continuous improvement within the department.
- Support in the implementation of new software and system developments as required by the business
- Provide Key Performance Indicator (KPI) data as required by the business.



Other:

- Be an ambassador for JKH's brand and values – demonstrate the company values through behaviour and ways of working:

Integrity – Act with honesty and deliver on promises. Maintain strong moral principles at all times regardless of who is watching.

Accountability – Safety is the priority, don't cut corners. Everything is done to the highest standard and always look for what can be improved. Take ownership of tasks and do not walk past a problem expecting the next person to deal with it.

Collaboration – Co-operate with others to achieve team goals. Treat everyone with respect and provide support where you can.

- Undertake any training and development as required by the business.
- Attend meetings as required by the business.
- Undertake ad hoc projects as required by the business.
- Any other duties as required by the business.

Knowledge, Experience and Technical Skills

- Extensive previous experience using Solid Works and Autocad to produce 3D models and technical drawings.
- A Design/Engineering based qualification e.g. A Level/BTEC/Apprenticeship/Degree.
- Experience working in a production/manufacturing environment producing high quality drawings and products (desirable).
- Good knowledge of MS packages including Outlook, Word, and Excel.
- Excellent communication skills, good attention to detail and be able to prioritise effectively.
- Good project management skills.
- Have a proactive continuous improvement mindset and be able to coach and support colleagues across the business.
- An enthusiastic engaged attitude and eagerness to help JKH to continue to grow as a business.

Person Specification

- Role Model behaviour – lead by example, follow and reinforce JKH's values.
- Receptive to new ideas and can listen and implement new ideas.
- Continuous Improvement Mindset.
- Accepts personal responsibility to make things happen.
- Earns credibility and trust.
- Good at planning, problem solving and decision making.
- Ability to make decisions and have the confidence in your convictions.
- Ability to work as part of a team and develop good working relationships with all stakeholders.