

Mechanical Design Engineer

Rollease Acmeda

Melbourne – Northern Suburbs - Broadmeadows

Engineering – Mechanical Engineering

Full time

Rollease Acmeda is a leading innovator in precision hardware, specialised fabrics and premium motorisation for the development of interior and exterior window covering systems. We strive to provide comfort, energy savings and safety with our light management and shading solutions using cutting-edge technology, highly engineered systems and advanced automation. We are passionate, customer focused, innovative and action-oriented people, who for over 40 years have designed and delivered exceptional products keeping us at the forefront of market leading design.

We are seeking a Mechanical Design Engineer to join our Innovation & Design Centre (IDC) team in Broadmeadows. This position is to be responsible for the design and development of internal hardware systems and components.

Reporting to the Senior Mechanical Design Engineer (Lead), the successful candidate will have a strong knowledge of mechanical design and a practical mindset.

Key responsibilities include:

- Develop conceptual ideas into marketable finished products within budget and time constraints;
- Re-engineering of existing products to improve cost, functionality, reliability and manufacturing efficiencies;
- Ensure that all products meet, improve or exceed company and industry standards;
- Assist in checking and approving work completed by other team members.
- Support in the development and implementation of departmental procedures and document control;
- Contribute with the design, implementation and commission of testing equipment and structures, and methods used to determine product capability;
- Communicate project status through reports, presentations and design reviews;
- Generate technical product documentation;
- Provide time estimates for costing and planning;
- Establish guidelines for “In Process” Quality Control;
- Provide timely and effective technical support to customers and suppliers;
- Other duties as may be required from time to time; the incumbent is expected to contribute to the full extent of his/her skill and ability.

Key requirements:

- Personal values are in line with the company's values of Customer Focused, Innovative, Action Orientated, Passionate and Respectful
- Tertiary qualification in Mechanical Engineering / Product Design Engineering or similar field.
- Proven experience in Product Design and Development of mechanical components and mechanisms with a minimum of 2 years relevant industry experience.
- Advanced experience with SolidWorks is essential.
- Experience with SolidWorks Simulation/FEA and engineering calculations.
- Sound knowledge and understanding in materials capabilities and limitations.
- A hands-on approach and strong mechanical aptitude.
- Familiar with the use and application of Australian and/or International Standards.
- Excellent verbal and written communication skills with the ability to prioritise and meet deadlines.
- Proficient with MS Office suite for the processing of data, and preparation of reports, charts and presentations.

Highly regarded

- DFMEA and GD&T Knowledge.
- A strong background in injection molding, polymers and their application.
- Previous experience in product development of sheet metal parts.
- Practical experience with mechanical components.
- Experience with Autodesk Moldflow.
- Experience with the development of aluminum extrusions.
- Project management software exposure.

If you believe you possess the skills and experience to succeed in this role, please apply by contacting HR on humanresourcesau@rolleseeacmeda.com

All applications will be treated with the strictest confidence.

Rollesee Acmeda is an Equal Opportunity Employer and prohibits discrimination and harassment of any kind. We are committed to the principles of equal employment and gender equality opportunities. We aim to recruit a diverse range of people with a diverse range of talents.