

**TOMY INTERNATIONAL**  
**POSITION DESCRIPTION**

**March 2018**

**JOB TITLE:** Product Design Engineer – Juvenile Products

**REPORTS TO:** Design Director, MIT Group

**DEPARTMENT:** Design

**Location:** Canton MA

At Tomy, MIT stands for “Mother, Infant, and Toddler”. The team is responsible for new product development of two primary brands - The First Years and Boon. Our mission is to create a broad variety of products that help families on their perfectly imperfect parenting journey. We are looking for a passionate and creative person to join our Canton MA based Design team. They should have the ability to design and develop a broad range of products, across multiple brands from concept phase all the way to production. Also should have extensive knowledge of plastic materials, and manufacturing methods relating to high volume consumer product production. This person will work with our consumer teams to create products that deliver on marketing strategies, safety requirements, cost limitations and schedules, while remaining true to the essence of each of our brands.

**EDUCATION:** Bachelor’s degree in Mechanical Engineering or equivalent experience directly related to consumer product development

**EXPERIENCE:** Minimum of 5-8 years’ experience

**SKILLS REQUIRED:**

- Solid Works expert. Ability to build complex parts, assemblies and forms.
- Broad knowledge of materials, especially plastics, injection molding, silicone molding, blow molding.
- Broad mechanical ability – can create mechanisms, linkages, and assemblies.
- Experience with manufacturing – both domestic and Asia.
- Creative problem solver.
- Great communication, presentation and organization skills.
- Ability to manage multiple projects and timelines in a fast paced environment.
- Familiar with Adobe Creative suite and MS Office
- Industrial Design and/or Keyshot experience a plus.

**PRIMARY RESPONSABILITIES:**

- Create, or drive the creation of CAD files to communicate concepts, mechanisms and solutions.
- Work as part of a fast-paced, and cross functional team.
- React constructively and proactively to feedback on concepts.
- Participate in conversations with stakeholders (Marketing, Brand Management, QA, Asia manufacturing support, Packaging,) in a way that yields quality results and moves projects forward.
- Assess competitive product to understand design, manufacturing and intellectual property.
- Maintain up-to-date detailed knowledge of our product and product categories.
- Have expert knowledge of our industry and competitive products.
- Complete the development of design projects on time, with proper documentation.
- Produce or refine CAD files for prototyping, quote packages and production tool build.
- Assist design team in finding creative solutions that offer a competitive advantage.

We offer a competitive salary and excellent benefit package in a fun and supportive environment.  
If interested and qualified, please send your resume and portfolio to [hr@tomy.com](mailto:hr@tomy.com).