

**About the role:**

Zimplistic is looking for **Senior Mechanical Design Engineer** for our Singapore office. You will be part of the core team with responsibility for the complete design cycle for sub assemblies in Rotimatic. The ideal candidate is a true engineer and problem solver at the core and is passionate about product design with real world understanding of how to go from concept to production.

**Responsibilities:**

- Responsible for design from concept all the way to design transfer
- Brainstorm together with the team to generate new ideas to tackle on going product and market challenges
- Ensure all key risks and issues are clearly reported, ideally with corrective action plans
- Review first manufacturing samples parts, engineering builds and the preparation of reports
- Manage and provide product data, such as 3D models, 2D drawings, assembly manuals and work instructions
- Support in Tolerance Analysis (TA) exercise, Failure Mode Effect and Analysis (FMEA), Design For Assembly and Manufacturing (DFA, DFM), failure analysis and tracking report.
- Work closely with electrical / electronic, QA and all other teams to ensure product performance, reliability and cost targets are met.
- Work closely with local and overseas vendors to develop new components & processes, and provide technical support for production ramp-up.

**Requirements:**

- At least 5 years of prior experience in product designing
- Must hold a Mechanical Engineering degree with relevant work experience.
- Should be very well versed with 2D and 3D CAD modeling softwares such as Solidworks
- Should have good knowledge of - Mechanical part design and production limitations for: injection moulded plastic, die cast metal, rubber and sheet metal stamping
- Experienced in DFMEA, DFA and DFM, GD&T
- Must have hands-on experience in mechanisms, moving parts, gear etc.