

Job Description 职位说明书

Look for an experienced Mechanical Design Engineer with basic pneumatic skills who has working experience on Automotive automation equipment.

一名有经验的机械设计工程师，具备基本的气路设计技能，有丰富的自动化设备设计工作经验

Location: Suzhou, P.R.C

工作地点：中国江苏苏州

Title: Mechanical Design Engineer (4 openings)

职位：机械设计工程师（四个职位）

Duties: 职责：

- Creates Mechanical and Pneumatic design, such as BOM and pneumatic diagram of Assembly and Test Lines for all necessary assembly and test processes, e.g. Press in with TOX and servo press, Tightening and feeding, crimping, vision inspection, laser marking and engraving, leak test etc. 机械以及气路硬件的设计，比如针对不同的测试和组装工作站以及生产线，创建相应的材料表以及气路图。例如托克斯压机和伺服压机、拧紧机与供料系统、铆压系统、影像检测系统、激光刻码系统、阿黛凯泄漏测试系统等。
- Creates mechanical hardware specifications. 创建机械硬件规格书
- Creates standard designing for different application. 针对不同的应用，创建标准化的设计。
- Supports comparison of mechanical part and component supplier. 协助比较机械零配件供应商。
- Pneumatically understanding of these assembly processes. 理解装配系统的气动工作原理。
- Creates issue and action reports and quality forms. 创建问题和解决方案报告以及质量文件。
- Cooperates and communicates close with our Electrical design team, our Software team, our Installation and Commissioning team, our Service team and our Project Manager. 良好的沟通协作技巧，可以无缝的和以下部门合作，如：软件编写部门、电气设计部门、安装调试部门、售后服务部门以及项目部门。

Skills/Qualifications: 技能/资格:

- Design experience with Solidworks or similar design software and PDM systems as well Pneumatic design software, e.g. Festo/SMC 精通 Solidworks 或类似的设计软件，能熟练运用 PDM 系统，熟悉气路设计软件，例如 Festo/SMC 等
- Experience with all mentioned Automation Process and Hardware 熟悉上述所提到的所有自动化系统以及硬件。
- Basic technical understanding for measure equipment such as transducers and sensor.对测量设备有基本的了解，比如变送器和传感器。
- Minimum of 5 years' design experience, Mechanical Machine and Fixture Installation Experience, Mechanical Inspection Tools, Quality Focus.至少 5 年的机械设计或相关的工作经验，丰富的机械工装的组装经验，熟练运用机械检测工具，良好的质量观念。
- Experience of machine standardization design is preferred 有标准机台标准化设计经验者优先
- Good English communication and team cooperation skills.良好的英文沟通和团队合作能力。

Salary 薪资待遇:

- Local Package 当地
- Provide assistances of working visa application 协助工作签证申请

Position valid through: 30 Sept 2026

HR Contact: HR-CH@ficontec.com