

Design of electrical and electronic equipment for automatic plastic injection molding machine

Thai Thanh Hoa

Abstract: In the context of increasing industrial production demands, this topic focuses on the design and implementation of electrical and electronic control systems for automatic plastic injection molding machines. The objective of the research is to optimize the production process by improving the precision, efficiency, and productivity of the machinery. The method combines theory with experimentation to design electronic circuits and write appropriate control code. The expected outcomes of the topic not only provide a technological solution for the machine manufacturing industry but also make a significant contribution to improving the quality of the final product.

Keywords: Injection molding machine, Electronic automation, Production process optimization