

Building an automatic control program for an automatic plastic injection molding machine.

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Abstract: In actual production, the use of automatic plastic injection molding machines requires precise control to ensure product quality. This project aims to build an automatic control system to optimize the production process and reduce dependence on manual labor. Through research, the project combines theory with experimentation to develop a control algorithm based on input signals from machinery. The significance of this work lies not only in improving product quality but also in bringing significant economic benefits to enterprises.

Keywords: automatic control, plastic injection molding machine, control system, control algorithm