

Building an automatic product packaging system using PLC S7-300

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Abstract: In the context of Industry 4.0, the necessity of automating the product packaging process is significant to enhance efficiency and reduce production costs. This topic focuses on researching and implementing an automatic packaging system using the PLC S7-300. Through the experimental process, the topic determines the appropriate equipment configuration, programs the PLC to control the packaging process, and analyzes the system's performance. The expected outcome of this topic is to provide a practical application solution for businesses to enhance competitiveness and improve product quality.

Keywords: PLC S7-300, packaging automation, Industry 4.0, PLC, control system