

Simulation of automatic feeding system using PLC S7-300 and computer-based monitoring control

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Abstract: This topic aims to research and develop an automatic workpiece feeding system using the PLC S7-300, while performing control and monitoring through a computer interface. The context of the topic is based on the need to enhance efficiency and accuracy in the workpiece feeding process in industrial production. The research method includes theory on PLC, system design, and practical application deployment. The expected result is the improvement of automation and control capabilities, contributing to increased work productivity.

Keywords: PLC S7-300, automatic feeding system, computer monitoring