

Design and construction of automatic bottle capping system

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Abstract: In the context of increasingly developed food production, the design and construction of an automatic bottle capping system have become indispensable to ensure an optimized production process. This project aims to build an efficient automatic bottle capping system to address the problem of improving productivity and product quality in the food processing industry. The research methodology includes both theoretical design and practical application implementation, through analyzing technical requirements, selecting appropriate technologies, and testing the system on an actual production line. The expected results hold great practical significance, making a substantial contribution to the development of Vietnam's food processing industry.

Keywords: Automatic bottle capping, system design, product quality