

Design and manufacture of a product sorting system by height

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Abstract: This topic focuses on designing and implementing an automated system for classifying products based on height. The research context stems from the need to improve warehouse management efficiency in various industrial sectors, especially in places with large volumes of goods and high accuracy requirements during inventory processes. The objective of the topic is to build an automatic classification system that reduces time and increases accuracy compared to manual methods. The research methodology includes both theoretical study of classification algorithms and experimentation to select the optimal solution for the specific application. The significance of the topic lies in its contribution to the development of automation technology in warehouse management, while also opening up a new approach for this field.

Keywords: product classification, automation system, warehouse management