

Design of an automatic paint mixing system model using PLC - S200

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Abstract: In the context of industrialization and modernization increasingly demanding automation in production processes, this topic focuses on designing and implementing an automatic paint mixing system based on the PLC - S200. The main objective is to build a solution to optimize the paint production process by tightly controlling factors such as temperature, speed, and material ratios. The research method combines theory with experimentation to ensure the system's effectiveness. The topic aims to make a significant contribution to the field of industrial automation by introducing an advanced solution in paint mixing, thereby enhancing productivity and product quality.

Keywords: Automatic paint mixing system, PLC - S200, Industrial automation