

Pick and Place Robotic Arm: A Review Paper

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Abstract: *Modern manufacturing processes rely heavily on the automation of material handling tasks. An essential component of industrial automation, the pick-and-place robot system is made to precisely and efficiently manipulate objects, usually entails moving objects from one place to another. The design concepts, varieties, technologies, and uses of pick-and-place robots across a range of industries are examined in this research paper. Additionally, it looks at issues like accuracy, speed, cost, and system integration. An overview of upcoming developments in pick-and-place robotics, such as the application of AI, machine learning, and collaborative robots, is provided in the paper's conclusion*

Keywords: *Application of Pick and Place Robot*