THE PERFORMANCE ANALYSIS OF MATERIAL HANDLING SYSTEMS
FOR A LAYOUT WITH DIFFERENT SPEEDS

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\textbf{ABSTRACT}

Flexible manufacturing systems (FMS) are a group of machines most preferably CNC which is coordinated by a common control centre which has the ability to deal with the variety of products. It is a manufacturing system which possesses the flexibility of adopting its machines and factory environments according to the product to be produced. In this paper performance of AGV, CART for U Layout with different speeds were studied and suggested different material handling devices for different processes for different layouts.

\textbf{KEYWORDS:} Flexible Manufacturing System, Automated Guided Vehicle & CART’s