

CNC MACHINES AND AUTOMATION



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Chapter 6

(Automation and NC System)

Automation

Automation: - Automation is a technology in which the mechanical, electronic computer based system are used to operate and control production.

- Automatic machine tools to process parts.
- Automatic assembly machines
- Automatic material handling
- Industrial robots
- Automatic storage and retrieval systems

Types of Automation

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graph TD; A[Types of Automation] --> B[Fixed Automation]; A --> C[Programmable Automation]; A --> D[Flexible Automation];
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Fixed
Automation

Programmable
Automation

Flexible
Automation

Thank You