The GE Fanuc Series 0 is the world's most popular CNC. With more than 350,000 units in service, the Series 0 CNCs demonstrate the unsurpassed reliability of GE Fanuc CNCs. Series 0-D is the latest of the Series 0 products. It is packaged with a selection of economical drive products suitable for low-end CNC applications.

**Series 0-D CNC Features**

- A fully featured control unit that uses a 16-bit microprocessor design and high-density circuit technology to realize its high level of reliability.
- Up to 4 axes controlled to 0.0001 mm, 0.00001" increments and traverse speeds up to 240 m/min.
- Controls GE Fanuc's high-performance line of digital drives.
- Monochrome CRT display
- Built-in PMC and I/O to control machine functions using familiar Ladder Diagram programming
- A control station and an optional software operator's panel

The GE Fanuc Series 0-D is a fully featured CNC especially suited to providing computerized numerical control in low-end general purpose machines. The S0-D is capable of controlling GE Fanuc's high-performance line of fully digital αC and β servo drives. Compatibility with GE Fanuc digital spindle drives and third-party analog spindle drives is also provided. An all-digital drives system provides the highest level of functionality and reliability.

Outstanding machining speed is possible on a continuous basis through distributed processing made possible by the adoption of a multi-processor system architecture. A high speed, high precision digital servo system has been realized by using exceptionally refined servo control software, custom microprocessors, digitally commanded servo amps, and high resolution position detectors with serial interfaces.

Machine precision can be remarkably improved through such features as stored pitch error compensation, which corrects for leadscrew pitch error and other mechanical positioning errors, and automatic corner override, which increases cutting accuracy at corners.

Programming is simplified by standard features like:

- **Cutter Compensation**, which automatically generates the tool center path by offsetting the tool radius from the programmed path, thus avoiding the need for tedious calculations
- **Canned Cycles**, which automatically perform common machining operations with a single command
- **Background Editing**, which allows simultaneous programming and machining

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**Max Controlled Axes** | 4 CNC
---|---
**Simultaneous Controlled Axes** | 4
**PMC Controlled Axis** | option
**Resolution (best available option)**
- 0.0001 mm
- 0.00001 inch
- 0.0001 deg
**PMC (μS per step/max steps)**
- L 6μS/5K
- M 2μS/8K
**Custom Macro** | option
**Background Editing** | option
**Part Program Storage (max)** | 320m
**Program Load/Store** | RS232
**Custom Macro** | option
**CRT Display**

<table>
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<tr>
<th>Ladder Monitoring</th>
<th>standard</th>
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<tbody>
<tr>
<td>Ladder Editing</td>
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GE Fanuc Automation N.A., Inc.
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