

FANUC

0i-F Plus Series

- High Quality Workpieces with Fine Surface Technology
- Latest Control Technology for Efficiency
- Upgrades for Ease of Use and Operations
- Highly Customizable with FANUC PICTURE
- Standard 2 MB Part Program Memory



Ready to be Customized

With FANUC PICTURE, custom screens tailored to an application can easily be created. A rich set of controls, such as buttons, lamps and charts, serve as building blocks for the user interface. The design of the controls is customizable. A recognizable look and feel for the user interface can be created. Complex logic can be added to the user interface with mruby, a powerful scripting language. Over 200 functions are available.

- CNC/PMC data access
- Serial or Ethernet communication
- File input/output

FANUC PICTURE is a standard feature of the 0i-F Plus.



Alarm information
PMC signal
etc.



Ethernet communication



Serial communication



File input/output



CNC/PMC data input/output

User-Friendly Operation with iHMI

FANUC's intelligent human machine interface (iHMI) provides a modern, easy and intuitive CNC user experience while keeping the feel of a FANUC. Through the touchscreen display, menu icons and animated features, the iHMI makes even the most complex machining operations straightforward and accessible.

Higher Quality Products

Fine Surface Technology is a set of functions that improve the surface quality of your workpieces. This is achieved through methods such as:

- Accepting high precision machining program output from CAD/CAM
- Executing programs with small line segments faster
- Generating smooth tool paths
- Following up commanded positions precisely

The Fine Surface Setting Screen helps set optimal parameters for roughing, semi-finishing and finishing. Parameters for high speed and high precision machining are adjustable with an intuitive slide bar.



High precision machining program

Smooth path generation



Higher gains of servo control



High Precision Program Command
Increment system of 0.1µm

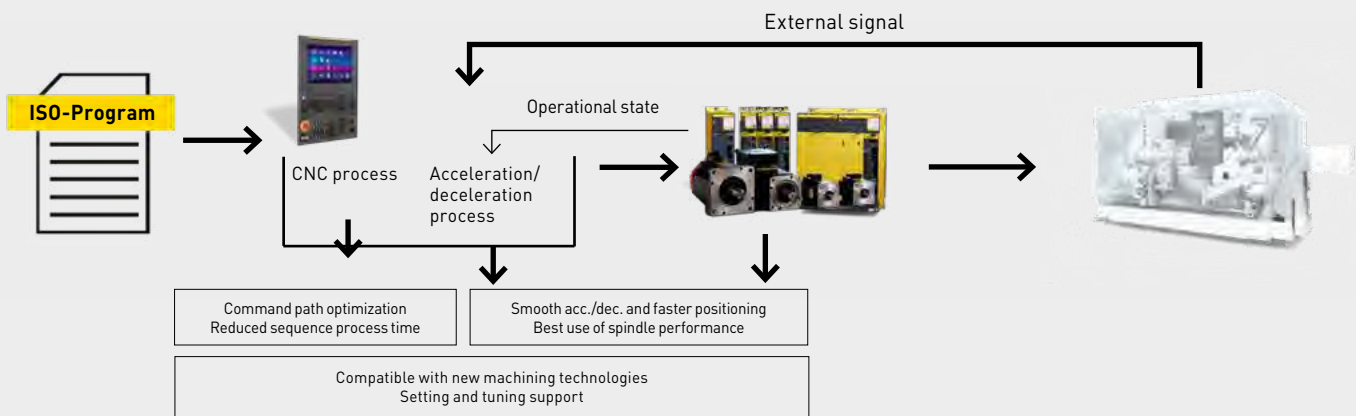
AI Contour Control II+
Smooth Tolerance+ Control
Nano Interpolation

SERVO HRV+ Control

More Efficient & Productive Operations

Fast Cycle Time Technology is a set of CNC and servo functions that reduce cycle time. This is achieved through some of the following methods:

- Accelerating and decelerating depending on load inertia
- Making the best use of spindle performance
- Reducing the sequence processing time for external signals



For more information, contact us: **888-FANUC-US** (888-326-8287)
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