FANUC 30*i*-B Plus series

High-performance CNC for complex machine tools

The FANUC Series 30*i*/31*i*/32*i*-MODEL B Plus controls are ideal for highly complex machines with multiple axes, multi-path and high-speed high-precision machining requirements. The hardware and innovative software provide the highest performance, precision and surface quality. Increased SRAM memory allows more flexible configuration of optional functions and provides more memory for customization functions.

More essential functions now standard

Save time and costs with bundled functions
- Custom Macro
- Tool functions
- Spindle functions
- Workpiece coordinate systems

Multi-function Ethernet as standard interface
Additional multi-function Ethernet port also available on standalone CNC, configurable for the following functions:
- Ethernet
- PROFINET IO
- EtherNet/IP
- Modbus/TCP
- FL-net

Customization functions as standard
Customize your CNC with:
- Macro Executor
- C Language Executor
- FANUC PICTURE

Safety functions as standard
Functions that help prevent machine damage:
- Unexpected Disturbance Torque Detection
- Stored Limit Check Before Move
- Stored Stroke Check 2,3

Additional security functions
Prevent unauthorized access to the machine
- Key and Program Encryption
- Warning Function Against Modification of Setting
- Protection of Data at Eight Levels
- External Deceleration
- Spindle Speed Fluctuation Detection

Fast cycle-time technology
2% reduction in drill and tapping cycle

5-axis integrated technology
*i*HMI equipped measurement cycle

High quality machining
High-speed CPU
2 times program throughput,
improves smoothness of smooth
tolerance+ control

Increased Memory
4 MB Part Program Storage Size
1000 registrable part programs

Enhanced user interface and standardization of customize function
Creating screens with FANUC PICTURE improves machine tool operations

Improved design display
Flat design. Wide variety of display lineup (10.4", 15", 19", 21.5"),

Easy operation of robot from CNC
Integrate automated machine tending quicker

Easy connection with peripheral equipment
Multi-function Ethernet as standard.
Easy connection with various functions

Key Benefits:

- cycle time reduction with fast cycle-time technology
- high quality machining with fine surface technology
- flat design and abundant display lineup
- increased SRAM memory
- improved usability of 5-axis machine tool
- enhanced user interface and standardization of customize function
- easy operation of robot from CNC
- easy connection with peripheral equipment

60 years of CNC experience