FANUC 30i-B Plus series
High-performance CNC for complex machine tools

The FANUC Series 30i/31i/32i-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.

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

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

5-axis integrated technology
- iHMI equipped measurement cycle

High quality machining
- Fine surface technology
  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
- Easy operation of robot from CNC

Easy connection with peripheral equipment
- Multi-function Ethernet as standard interface

Safety functions as standard
- Prevents unsanctioned 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

60 years of CNC experience