

THE FACTORY AUTOMATION COMPANY

FANUC

CNC Simulator

Hands on learning for the future
of machine tool operators



CNC Simulator unit for training of operation by actual FANUC Series 0i-F Plus

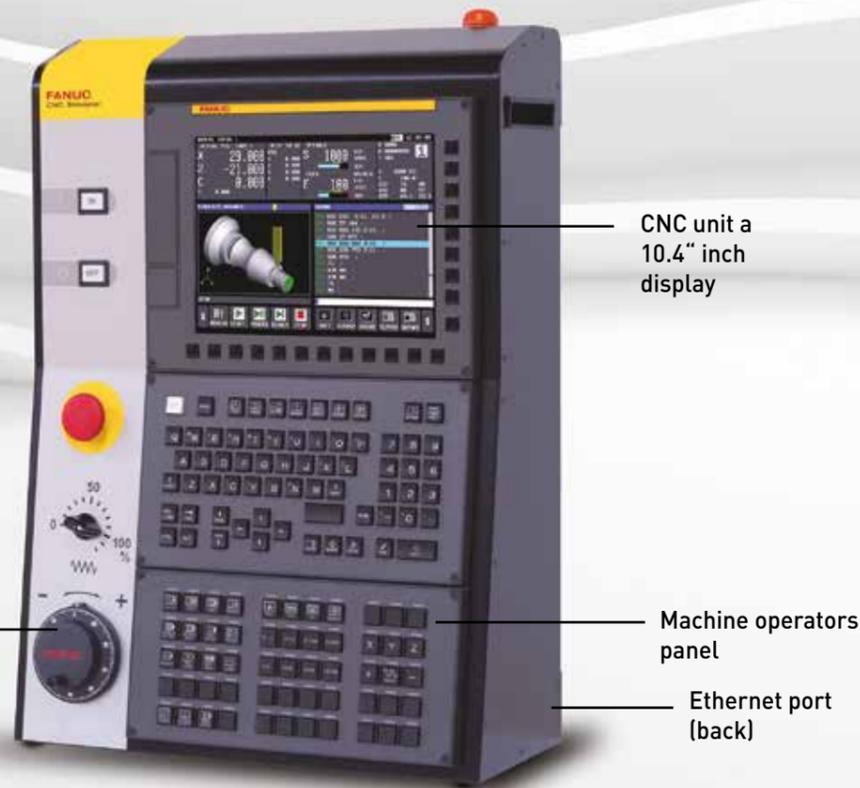
- Ready for use without setup
- All functions available
- Milling and Lathe system switchable on one simulator
Milling system: Servo 3 axes, Spindle 1 axis
Lathes system: Servo 2 axes, Spindle 1 axis
- MANUAL GUIDE *i* installed for easy programming
- Equipped with E-stop switch, manual pulse generator, feed override, and universal power unit
- Possibility to connect to a computer network
- Easy to carry

CNC expertise for schools and universities

All the core skills contained in a dedicated CNC unit

At FANUC, we're passionate about automation. Contributing massively to manufacturing efficiencies, automated solutions drive productivity, enhance quality and minimise costs.

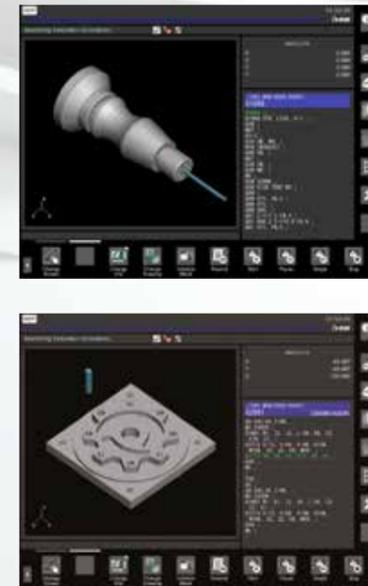
Given the exciting future facing the industry, we're also passionate about education. That's why we've put together the FANUC CNC Simulator. Designed with students in mind, it enables young people to gain first-hand experience of programming and operating cutting-edge CNC for milling and turning. Function set is highly relevant for machine tool applications and contains everything instructors and students require for teaching and learning purposes.



CNC GUIDE Education Package

The CNC GUIDE Education Package offers the possibility to perform CNC operation training on the PC. It is possible to learn CNC operation without using the actual machining tool. We offer classroom licenses for 16 or 32 students and a single license for self-study at home for 1 or 3 years.

- Operation in MEM & MDI mode/ Automatic operation
- Write the machining programs and machining cycles in EDIT mode
- Use of macro variables and system variables
- Operation by calling sub-programs and DNC
- Displays the same alarm as on the machine when errors occur
- Machining simulation (cutting animation, tool path drawing)



Item	Specifications
External dimensions [mm]	421x220x608 (wxdxh)
Weight [kg]	12
Display device	10.4" LCD
Operation section	MDI (QWERTY key) unit, Machine operator's panel, Emergency stop button, Override switch, Manual pulse generator
Input and output media	USB memory, CF card
Communication I/F	Ethernet
Input rating	100 VAC to 240 VAC, 0.8A to 0.4A, 50/60Hz
Other	Security slot
System (switching possible)	Machining center system (number control axis 3-axis, spindle 1 axis) Lathe system (number control axis 2-axis, spindle axis)
Display mode	24 languages (English, Japanese, German, French, Spanish, Italian, Chinese (Traditional), Chinese (Simplified), Korean, Portuguese, Dutch, Danish, Swedish, Hungarian, Czech, Polish, Russian, Turkish, Romanian, Bulgarian, Slovak, Finnish, Vietnamese, Indonesian)

MOP Simulator for CNC GUIDE

By using the Machine Operator's Panel (MOP) Simulator for CNC GUIDE you can impart training with the same feeling of operation as that experienced when using an actual machine, but without any of the associated drawbacks, such as occupying capacity, the potential for collisions and the high use of energy.

- simple connection between PC and desktop operator's panel for CNC GUIDE using one USB cable
- customisable keyboard for operator's panel to align with your machines and provide familiarity for trainees integration



One common servo and control platform – Infinite opportunities THAT'S FANUC!



FA

CNCs,
Servo Motors
and Lasers

ROBOTS

Industrial Robots,
Accessories
and Software

ROBOCUT

CNC Wire-Cut
Electric Discharge
Machines

ROBODRILL

Compact
CNC Machining
Centres

ROBOSHOT

Electric CNC
Injection Moulding
Machines

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Industry 4.0
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