Siemens CNC Simulator
Turning + Milling

Siemens PPU 151 and Siemens MCP

The controller in the simulator is Siemens PPU 151 controller with Siemens MCP and Siemens MPG. Participants can have a hands on experience not only on Siemens PPU but also on MCPs to understand the actual machine operation environment. Tool numbers are displayed on the digital panel on MCP.

Each of the simulator is provided along with Siemens PPU + Siemens MPG + Siemens MCP.

Participants can not only oprate the Siemens CNC controller but they can also vary the basic parameters of the machine such as Software limits, Axes Referencing, Backlash Compenstation, etc.

Basic Features and Simulator Component Details

Basic Features:

- 3 axis milling + 1 spindle
- 2 axis turning system + 1 spindle
- 3D simulation and online ladder modificaion
- Inch / metric switchable
- 512kb part program storage, with 400 registered programs
- 32 Tool offset pairs
- Work piece coordinates G52 – G59 + 48 additional on mill
- 10.4" Color LCD
- Siemens MCP + Siemens MPG
- USB, Flash ATA and Ethernet connectivity
- Optional I/O link I and RS232 serial interface
- Power: AC 100 - 240, 0.8A – 0.4A, 50 – 60Hz
- Power consumption 80w
- Weight: Approx. 26.4lb (12KG)

Component Details:

- Power On Switch
- Power Off Switch
- Emergency Switch Button
- Jog / Feed Override
- Manual Pulse Generator from Siemens
- 10.4 inch Color display
- Horizontal and vertical soft keys
- Machine control panel from Siemens