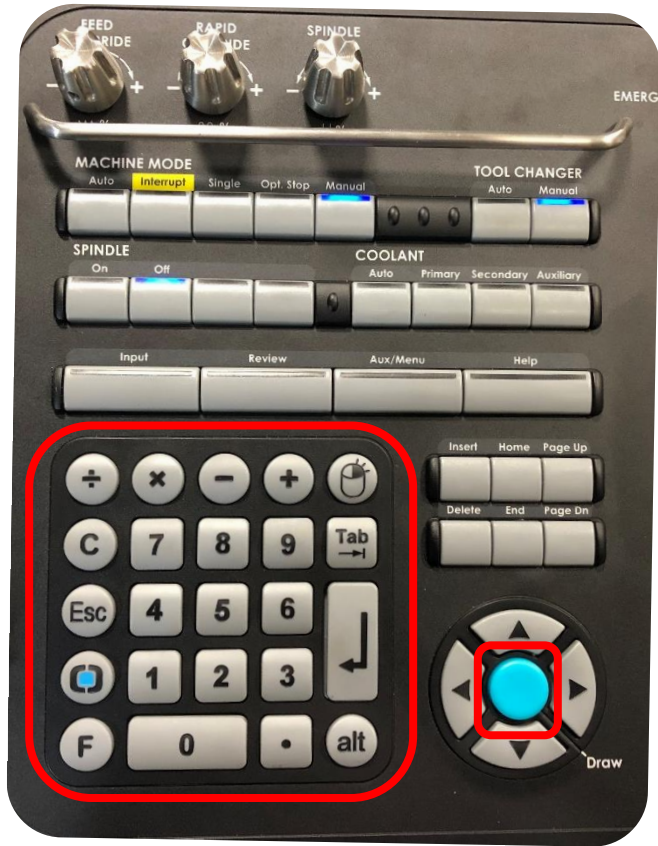


# Navigating the Control Console Orientation

# Console Orientation



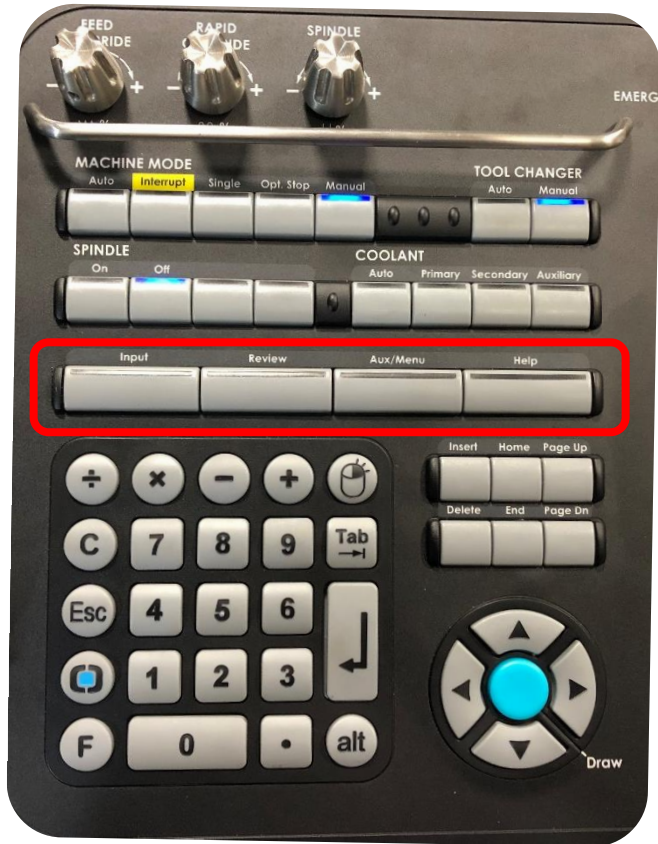
## ***Calculator Keys:***

- **Math Functions**
  - All numerical data in the control can be entered as a math function.
  - Convert from Metric to Inch as the number is entered.

## ***Drawing Graphics:***

- **Draw**
  - Displays the current program toolpath on the graphics screen

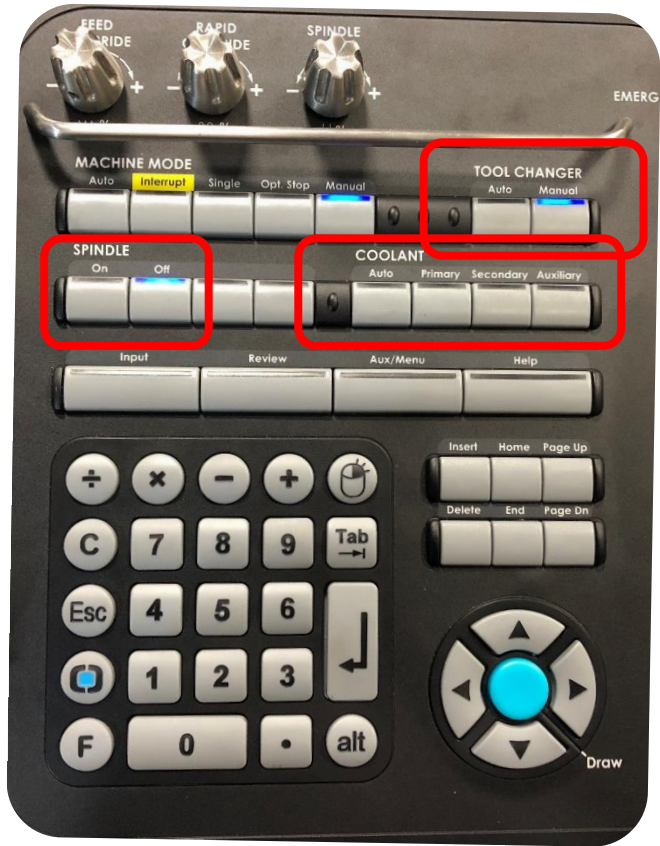
# Console Orientation



## Menu Keys:

- **Input**
  - Part Setup; Tool Setup; Program; Program Parameters
- **Review**
  - Program navigation; insert blocks
- **Auxiliary**
  - Special screens and quick-keys
- **Help**
  - On-screen help file
  - Current content related

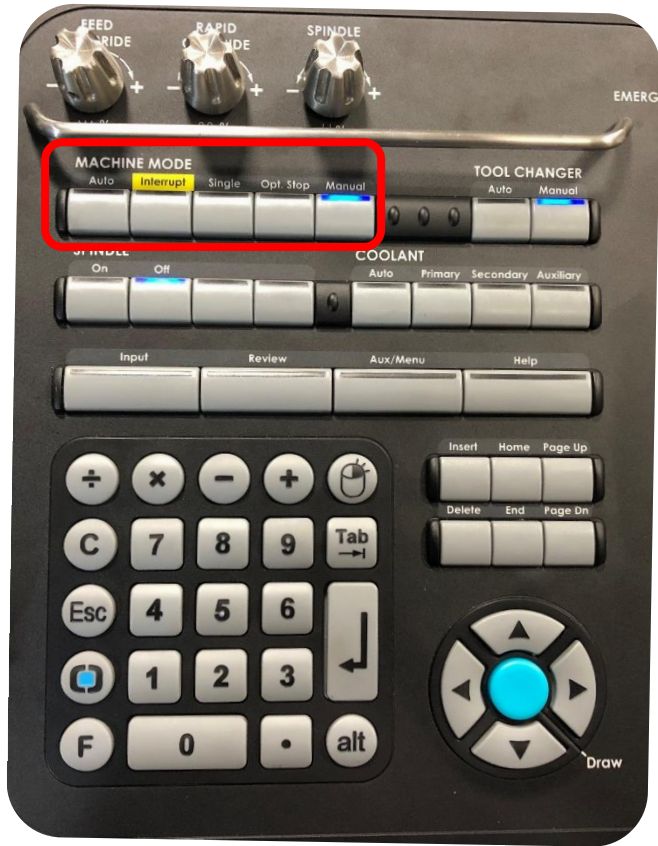
# Console Orientation



## Manual Function Keys:

- Spindle ON/OFF
  - Starts the spindle manually
- Tool Changer
  - Initiates a toolchange
- Coolant Keys
  - Auto – uses tool setup setting
  - Primary – Flood Coolant
  - Secondary – Thru Spindle Coolant

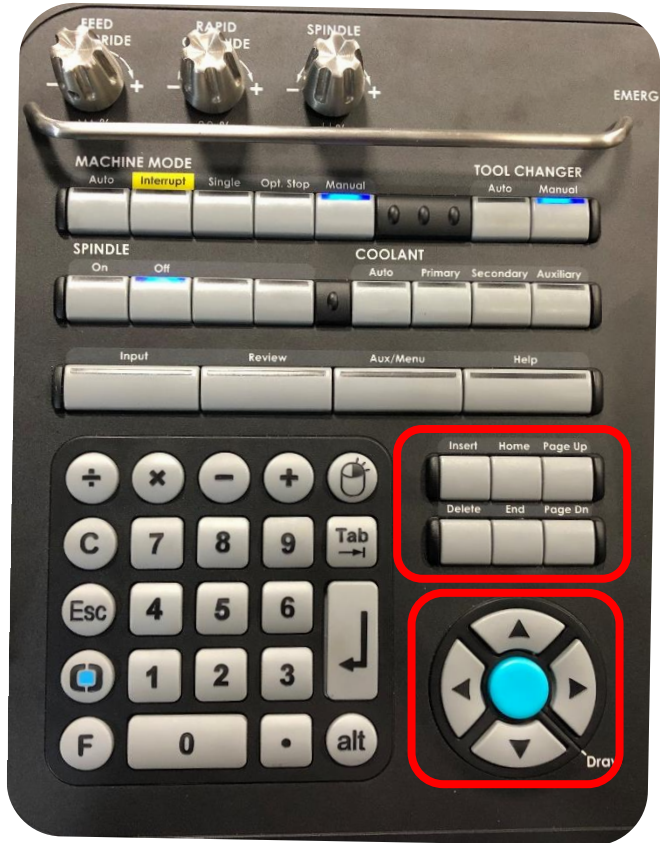
# Console Orientation



## Machine Modes:

- Auto
  - Conversational or NC
- Interrupt
  - Semi-Manual Mode
- Single Block
  - Executes one block with cycle start
- Optional Stop
- Manual
  - Manual Function Setup
  - Tool Management

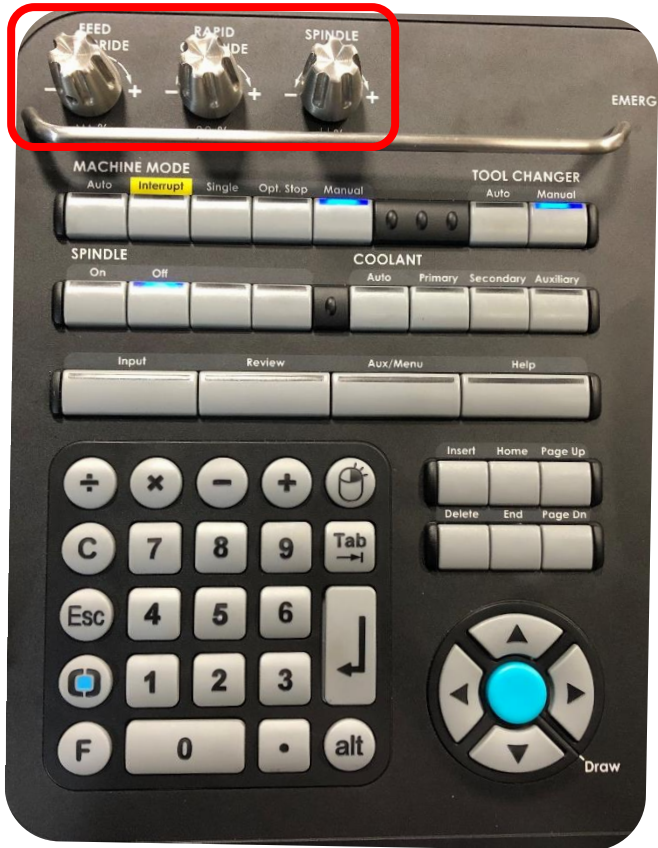
# Console Orientation



## *Edit Keys:*

- Cursor Arrows
  - Previous & Advance
  - NOT Left & Right
- Basic Edit Keys
  - Insert & Delete
  - Home & End
  - Page Up & Down

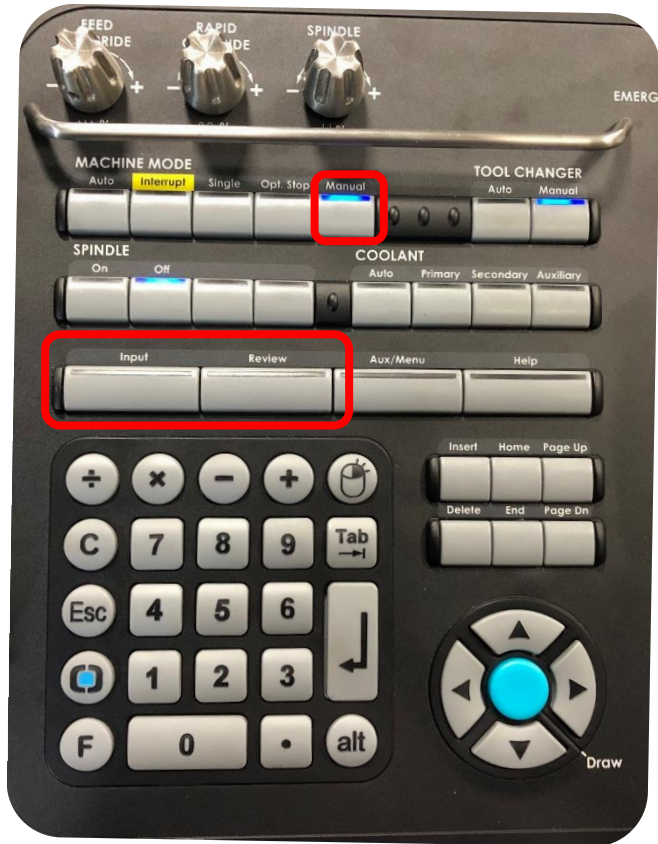
# Console Orientation



## Override Pots:

- **Axis Feed Rate**
  - 0% to 150%
- **Rapid Override**
  - 0% to 100%
  - % of Program Parameter Setting
- **Spindle Override**
  - 0% to 150%

# Console Orientation



## Important Control Buttons:

- **Input**
  - Part Setup; Tool Setup; Program; Program Parameters
- **Manual**
  - Manual Function Setup; Tool Management
- **Review**
  - Program navigation; insert blocks