

# TOUCH SCREEN DESCRIPTION MAIN SCREEN

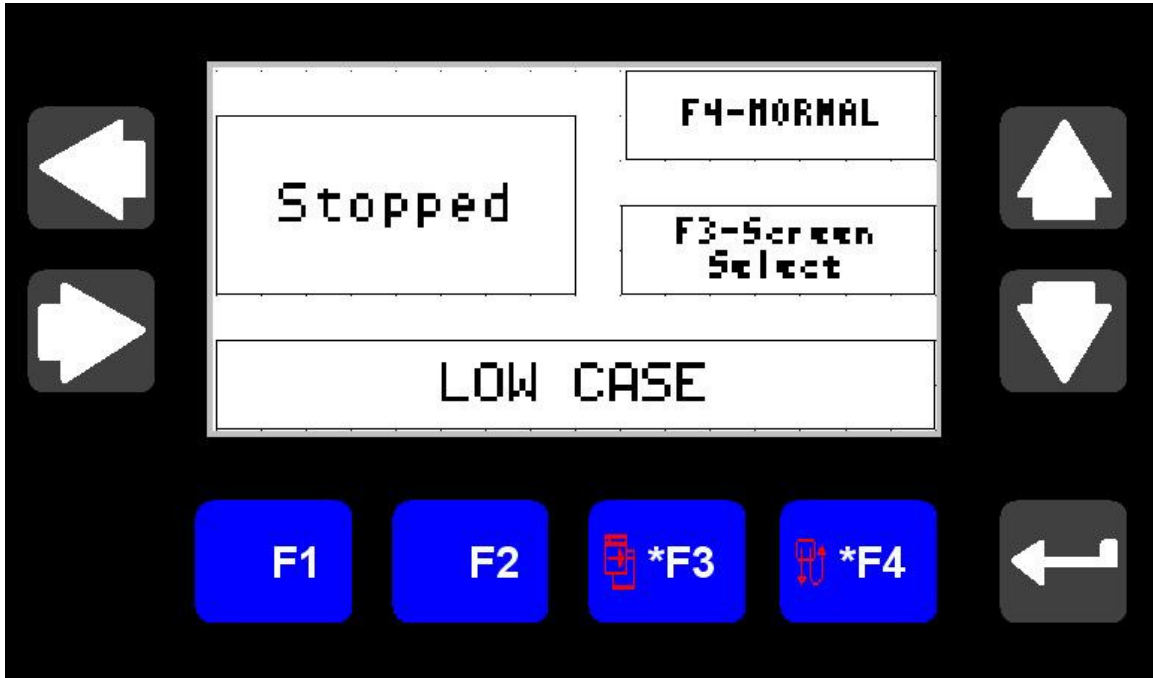


Figure 1 – HMI Control Panel – Main Screen

**First released the emergency stop (Mushroom style). Press the BLUE SAFETY RESET button. Press the GREEN Button to start machine.**

**F1** – Not used on this screen



**F2** – Not used on this screen


**F3** – Press to go to “screen select” screen.

**F4** – Press to run equipment in “Time” or “Manual” mode.

Message Display:

- |                     |                    |                     |
|---------------------|--------------------|---------------------|
| 0 No Fault          | 4 Discharge Backup | 8 Case Pick Fault   |
| 1 Control Power Off | 5 Servo Fault      | 9 VFD Fault         |
| 2 Low Tape          | 6 Manual Mode      | 10 Pusher Bar Fault |
| 3 Taping Error      | 7 18 CPM           | 11 Low Case         |


 Use arrows to scroll through options.

 Enter key, use to select your option.

**If screens are password protected, enter correct password. When prompted to do this, arrow up or down to desired number then press arrow key (right) to move to next position – Repeat until password is entered. Then press the enter key**

## SCREEN SELECT

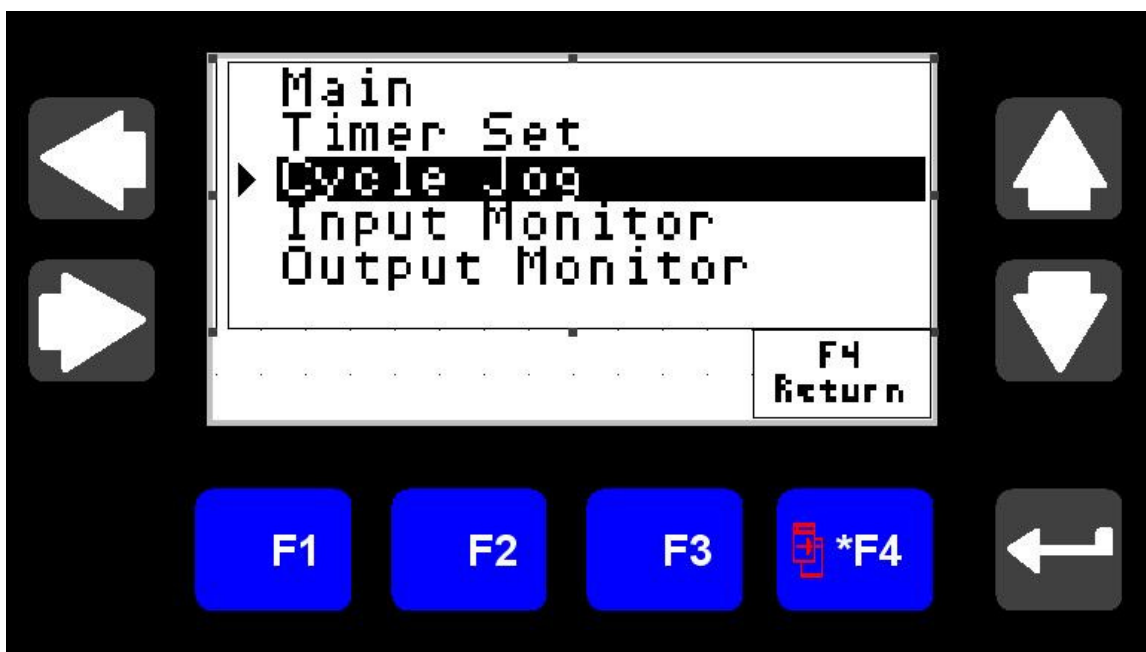


Figure 2 – MHI Control Panel – Select Screen

### Options available:

**Main** – Takes the operator to the Main screen

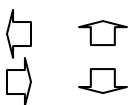
**Timer Set** – Takes the operator to the Timer Set screen.

**Cycle Jog** - Takes the operator to the Cycle Jog screen.

**Input Monitor** - Takes the operator to the Input screen.

**Output Monitor** - Takes operator to the Output screen.

**Production Info** - Takes operator to the Production Information screen.



Use arrows to scroll through options.

← Enter key, use to select your option.

**F1** – Allows the operator to log in and make changes to the parameters

**F2** – Not in use on this screen

**F3** – Not in use on this screen

**F4** – Allows the operator to log out after making changes to the parameters

## TIMER SET SCREEN

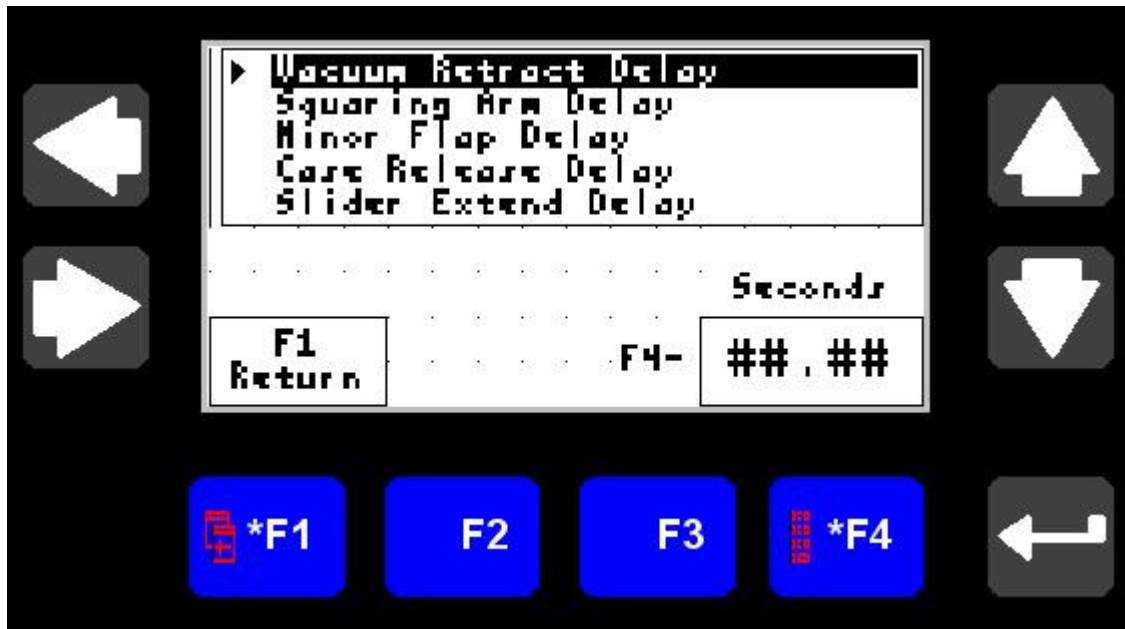


Figure 3 – HMI Control Panel – Timer Set Screen

Times are in seconds. Increase number for longer delay, decrease number for shorter delay.

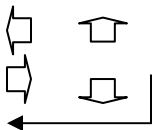
**Options available:**

**Vacuum Retract Delay** – Sets the time delay for the vacuum cups to retract.

**Squaring Arm Delay** – Sets the time delay for the squaring arm to square-up case.

**Blowoff Duration** – Sets the duration of ‘Blowoff’ from valves in between vacuum cup case pickup.

**Discharge Backup** – Sets the duration of time that activates the discharge backup photo eye located at the case discharge.



Use arrows to scroll through options.

Enter key, use to select your option. **OR** It can be used to enter valves.

**F4** - Press to set Time. Use arrows to select time valve.

**F1** – Press to return to previous screen

## CYCLE JOG SCREEN

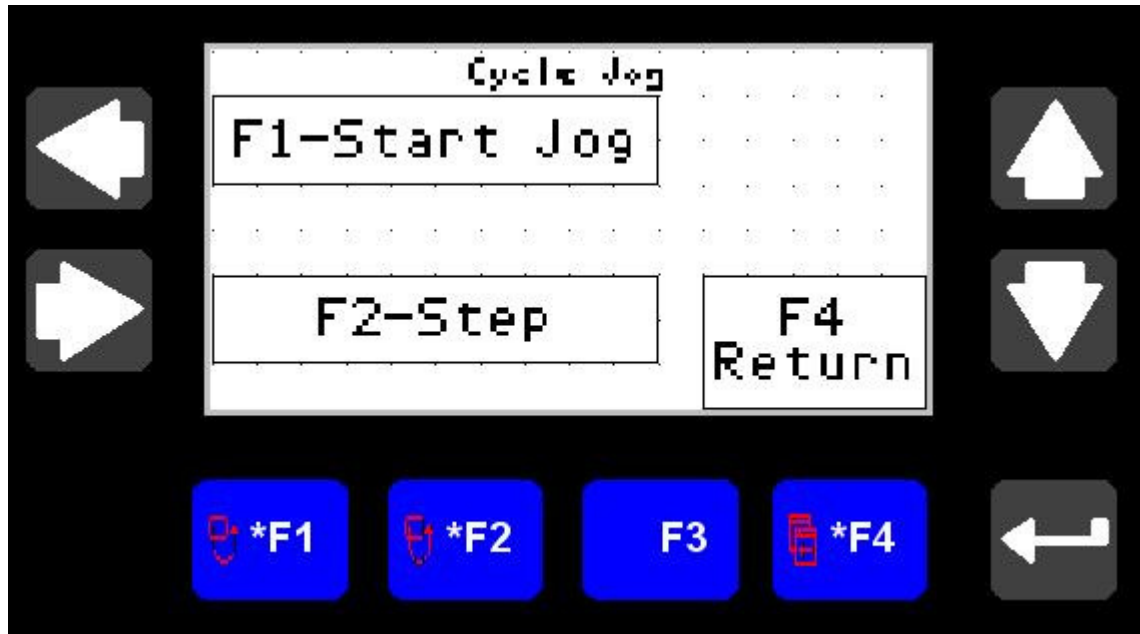


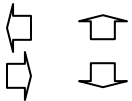
Figure 4 – HMI Control Panel – Cycle Jog Screen

**F1** – Press to allow operator to manually progress machine through each sequence of the machine. Useful in observing machine through each cycle step for troubleshooting.

**F2** – Press each time to observe individual cycle step.

**F3** - Not in use on this screen

**F4** – Press to return to previous screen.



Use arrows to scroll through options.



Enter key, use to select your option.

# INPUT SCREEN

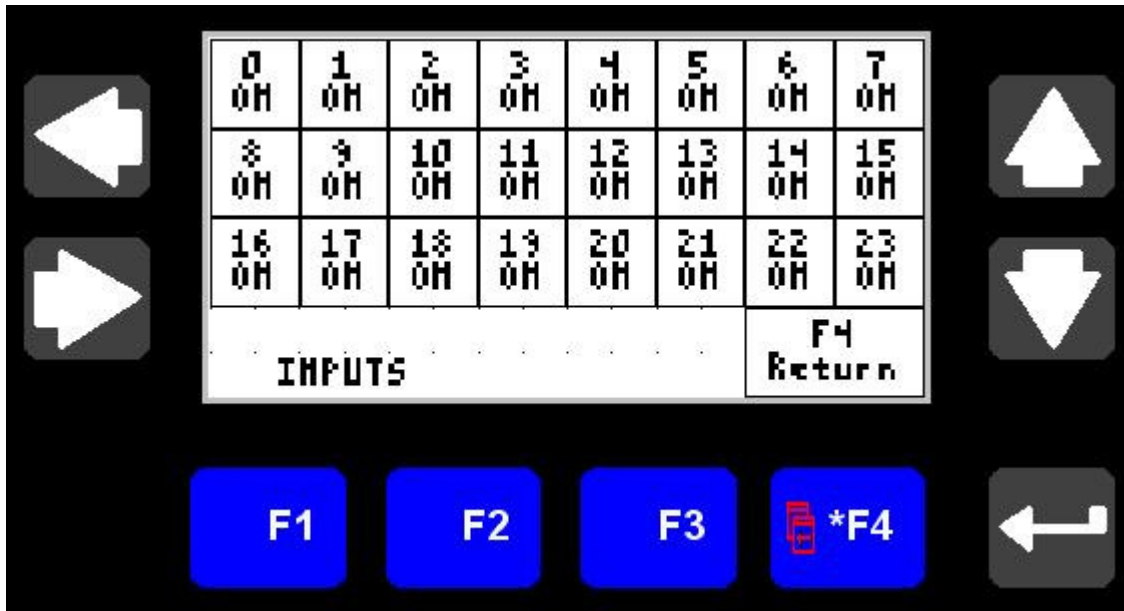
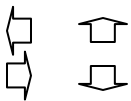


Figure 5 – HMI Control Panel – Input Screen

The “**INPUT**” screen allows the operator to monitor the on / off status of inputs 0 through 23 on input card zero. For individual input descriptions reference the electrical schematic.

- F1** – Not in use on this screen
- F2** – Not in use on this screen
- F3** – Not in use on this screen
- F4** – Press to return to previous screen.

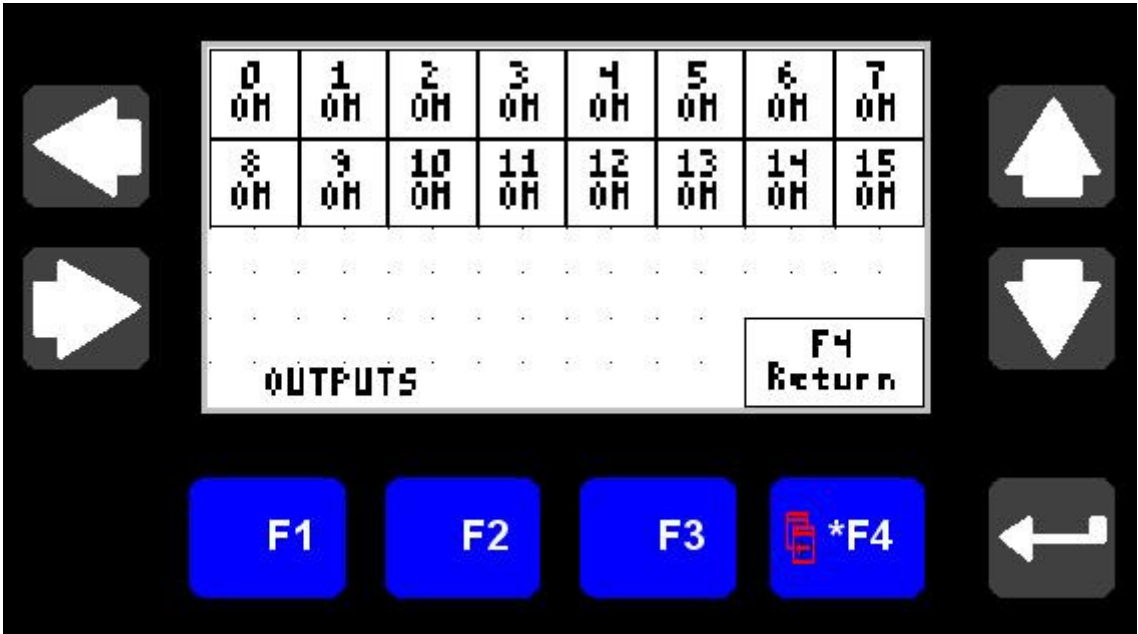


Use arrows to scroll through options.



Enter key, use to select your option.

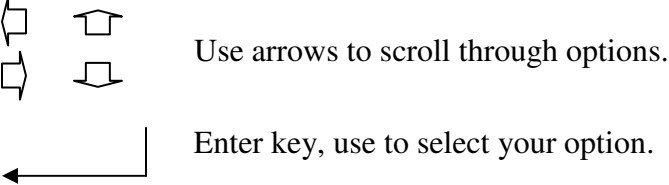
# OUTPUT SCREEN



**Figure 6** – HMI Control Panel – Output Screen

The “**OUTPUT**” screen allows the operator to monitor the on / off status of outputs 0 through 15 on output card zero and 0 through 7 on output card two. For individual output descriptions reference the electrical schematic.

- F1** – Not in use on this screen
- F2** – Not in use on this screen
- F3** – Not in use on this screen
- F4** – Press to return to previous screen.



# PRODUCTION INFORMATION SCREEN



Figure 7 - HMI Control Panel – Product Information Screen

**CPM LAST 10 AVG** – Displays average cases per minute of last ten minutes.

**CPM LAST** – Displays figure for last minute of cases per minute.

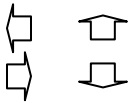
**TOTAL CYCLES** – Displays total cycles completed.

**F1** – Press to return to previous screen.

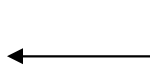
**F2** – Not in use on this screen

**F3** – Not in use on this screen

**F4** – Press to reset count to zero.



Use arrows to scroll through options.



Enter key, use to select your option.