

## TOUCH SCREEN DESCRIPTION MAIN SCREEN



The Main screen shows if machine is running or stopped and allows the operator to navigate to other screens.



– The banner will display any faults or low materials that machine has active.



– This displays the state the machine is in.

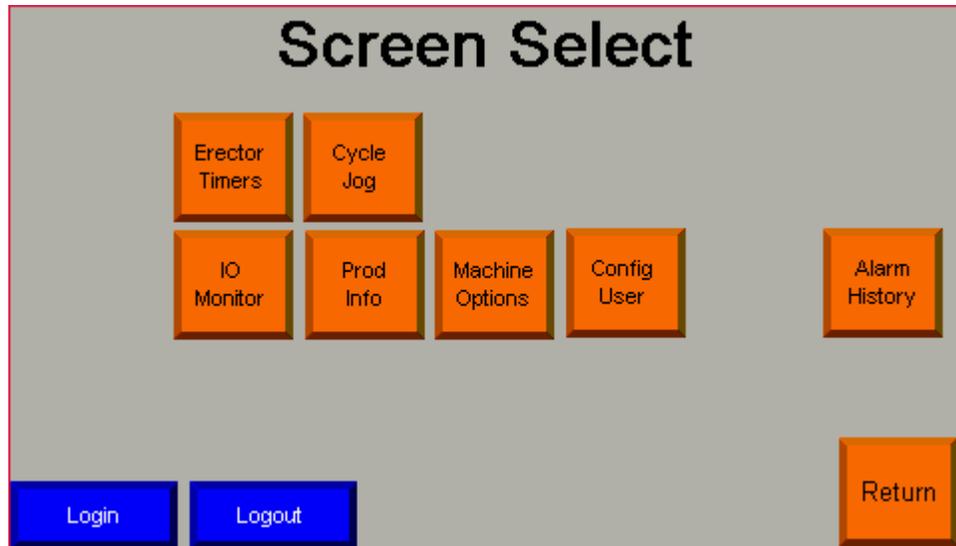


- Past alarms are stored here.



- Press to go to “screen select” screen.

## SCREEN SELECT



Allows the operator to scroll through the various screen titles to make a screen selection.

**Note: If screens are password protected, enter correct password.**



- Takes the operator to the Timer Select screen to change the time or value of the various functions of the machine.



- Takes the operator to the Cycle Jog screen to observe the machine's function step by step.



- Takes the operator to the screens to monitor the ON and Off status of inputs and outputs on the machine.



- Takes operator to the Product Information screen.

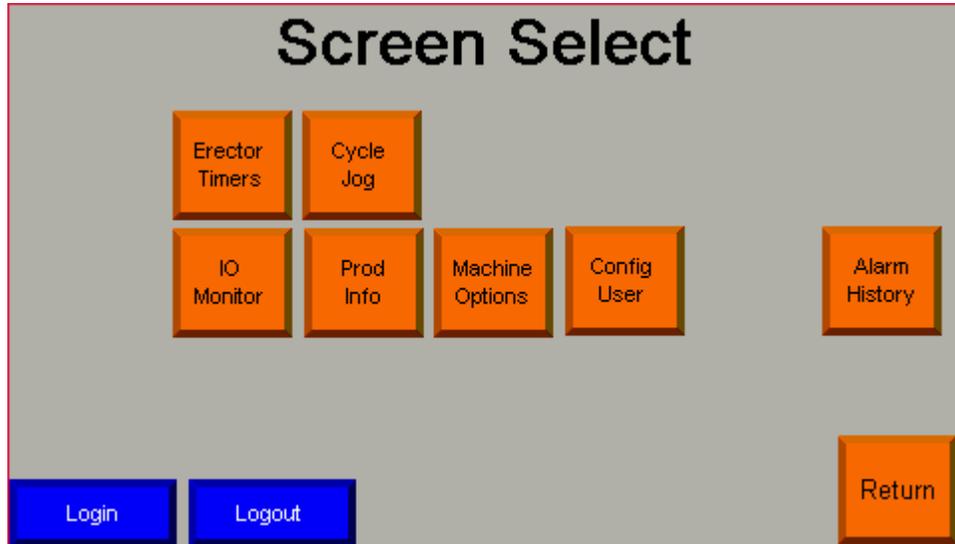


- Displays the options that are used on the machine.



- Takes operator to the screen where they are able to enable or disable different options and adjust shift times.

## SCREEN SELECT CONT



Allows the operator to scroll through the various screen titles to make a screen selection.

**Note: If screens are password protected, enter correct password.**



- Past alarms are stored here.



- Past alarms are stored here.



- If a screen is password protected, this button is required to bring up password screen to log on to that page.

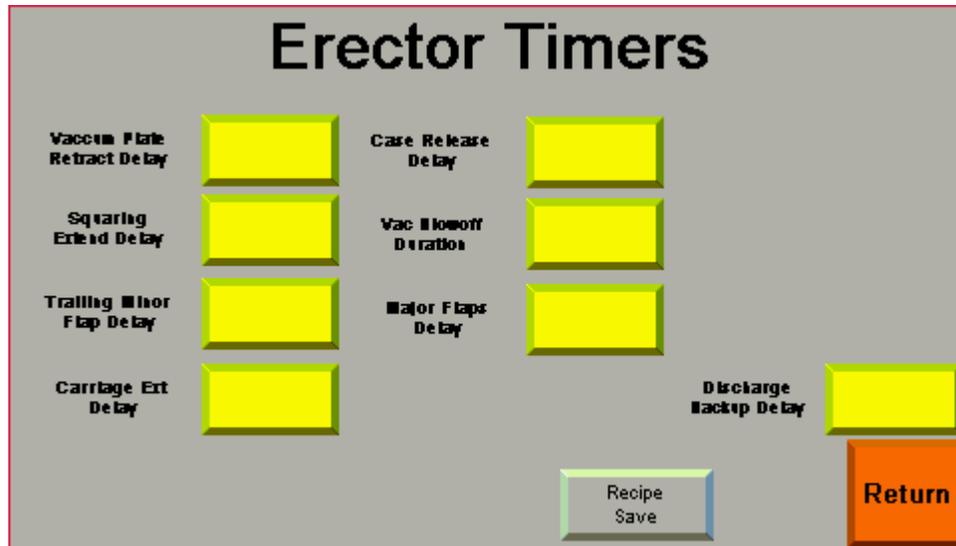


- To log out of a password protected screen, press this button to instantly log out or by waiting five minutes will log you out also.



- Return to previous screen

## TIMER SET SCREEN

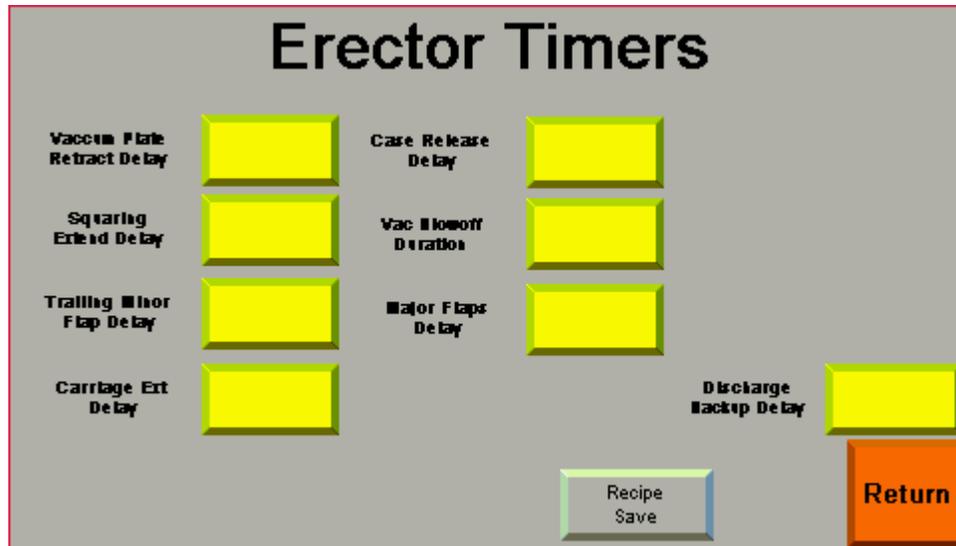


Times are in seconds. Increase number for longer delay, decrease number for shorter delay.

**NOTE: The value can only be changed with the machine in cycle stop or E-stop condition. Press the yellow button to change value of the timer.**

- Vacuum Plate Retract Delay**  – Sets the time delay for the vacuum cylinder to retract.
- Squaring Extend Delay**  – Sets the time delay for the squaring arm to square-up case.
- Trailing Minor Flap Delay**  – Sets the time delay for the trailing minor flap kicker to set the trailing minor flap into place.
- Carriage Ext Delay**  – Sets the time delay for the carriage extends to push the case into the drives.
- Case Release Delay**  – Sets the time delay to release the case and turn off the vacuum and blow air thru the cups.
- Vac Blowoff Duration**  – Sets the time of how long the Blowoff stays on. This helps break the cups off the case and clean out the vacuum lines.
- Major Flaps Delay**  – Allows operator to delay when the major flap kicker energizes.

## TIMER SET SCREEN CONT



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

**NOTE: The value can only be changed with the machine in cycle stop or E-stop condition. Press the yellow button to change value of the timer.**



– Sets the duration of time that activates the discharge backup. The photo eye located at the case discharge end of the machine.

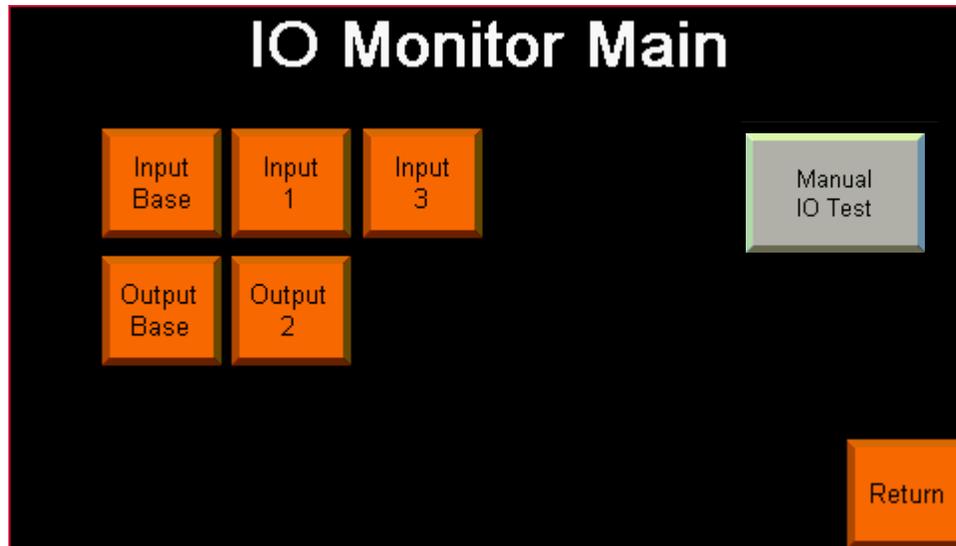


- Saves the time values in the PLC.



- Press to return to previous screen

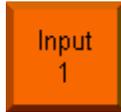
## IO MAIN SCREENS



The “**IO MAIN**” screen allows the operator to select what input or output slot to monitor, either the base or cards.



- Allows the operator to monitor the inputs on the base of PLC.



- Allows the operator to monitor the inputs on card 1.



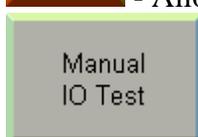
- Allows the operator to monitor the outputs on the base of PLC.



- Allows the operator to monitor the outputs on card 2.



- Allows the operator to monitor the inputs on card 3.



- With a password the operator can test outputs on the machine.



- Press to return to previous screen

## INPUT SCREENS

Inputs Base		
0	Bot Head Tape Rotation	8 Main MCR
1	Start PB	9 Leading Minor Dis
2	Call for Case	10 Vac Release Pos
3	Carriage Home	11 Discharge Backup
4	Top Head Tape Rotation	12 Line Pressure OK
5	Vac Plate Extended	13 Servo In Position
6	Vac Plate Retracted	14 Low Case
7	Carriage Extended	15 Case @ Bot Head
		16 Stop PB
		17 Bot Head Low Material
		18 Erector Sidebelts OK
		19 Erector MCR

**Return**

HMI Control Panel – Input Base Screen

Inputs 1	
0	spare
1	spare
2	Mag Advance Left
3	Mag Advance Right
4	Handpack Position
5	Prod Conv Ready
6	Case Conv Ready
7	Sealer Start PB
8	Sealer MCR
9	Sealer Trigger
10	Case @ Top Head
11	Case Present
12	Top Head Low Material
13	Servo Ready
14	Sealer Overloads Not OK
15	Pusher Bar Up

**Return**

HMI Control Panel – Input Card 1 Screen

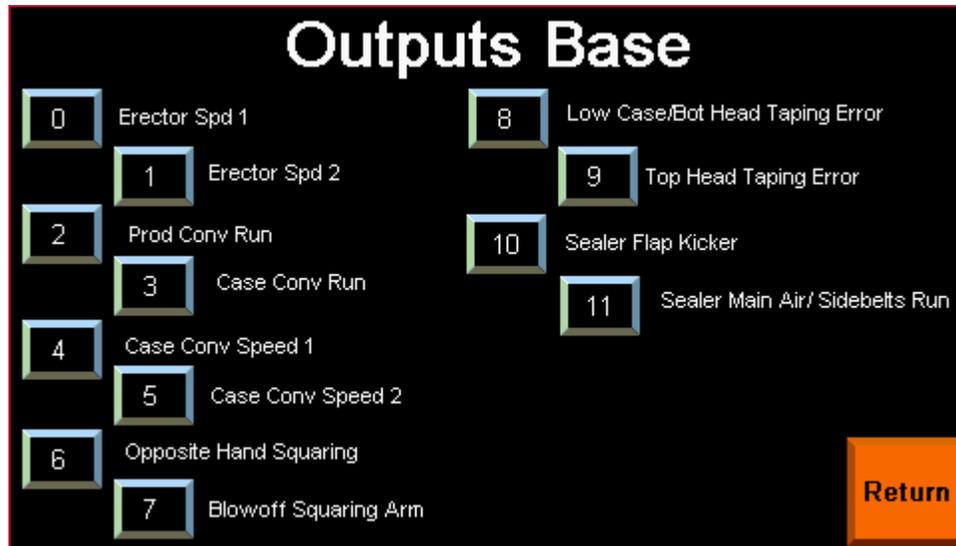
The “**INPUT/OUTPUT**” screen allows the operator to monitor the on / off status of inputs/outputs on base and cards.

**NOTE: Some inputs and outputs that are displayed may not be used on this machine.**

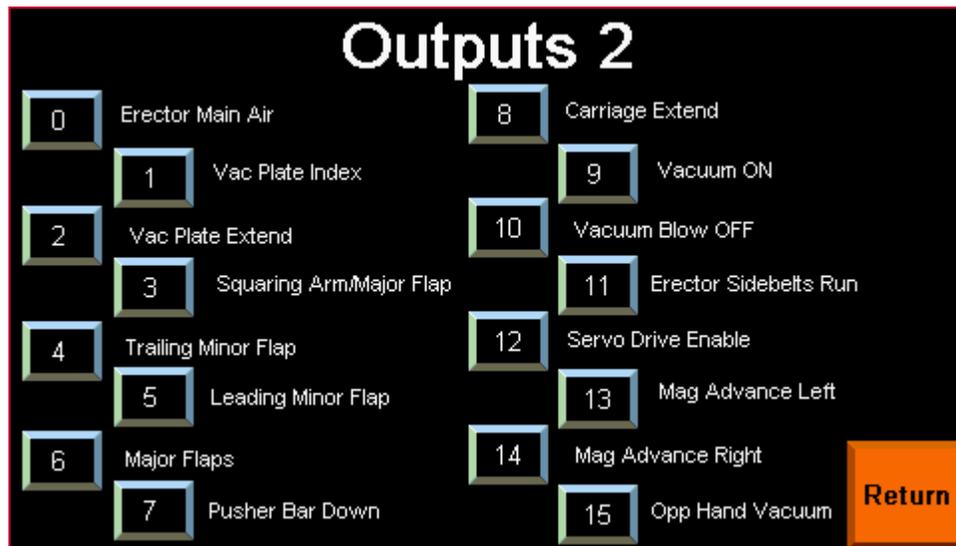


- Press to return to IO Main screen

## OUTPUT SCREENS



HMI Control Panel – Output Base Screen



HMI Control Panel – Output 2 Screen

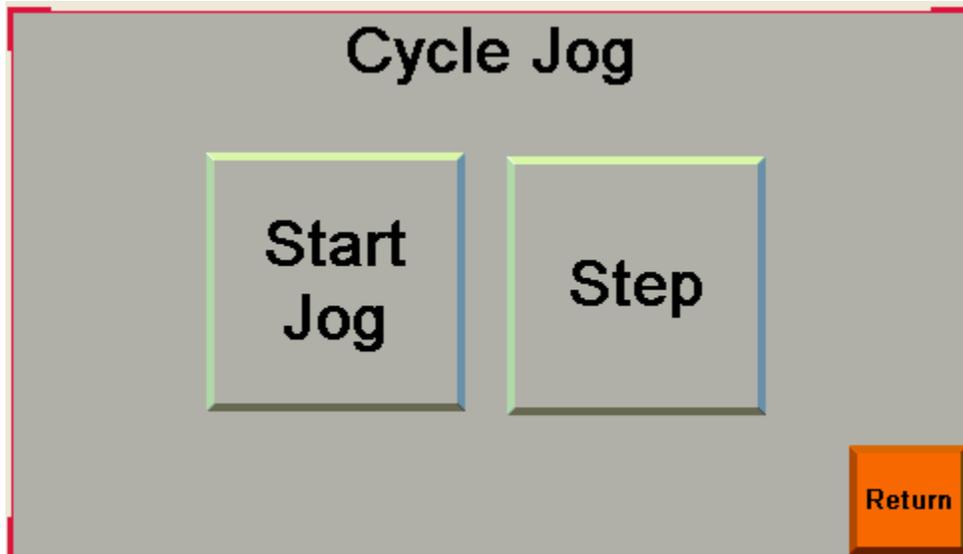
The “**INPUT/OUTPUT**” screen allows the operator to monitor the on / off status of inputs/outputs on base and cards.

**NOTE: Some inputs and outputs that are displayed may not be used on this machine.**



- Press to return to IO Main screen.

## CYCLE JOG SCREEN



– Press to enable the single step mode of the machine.



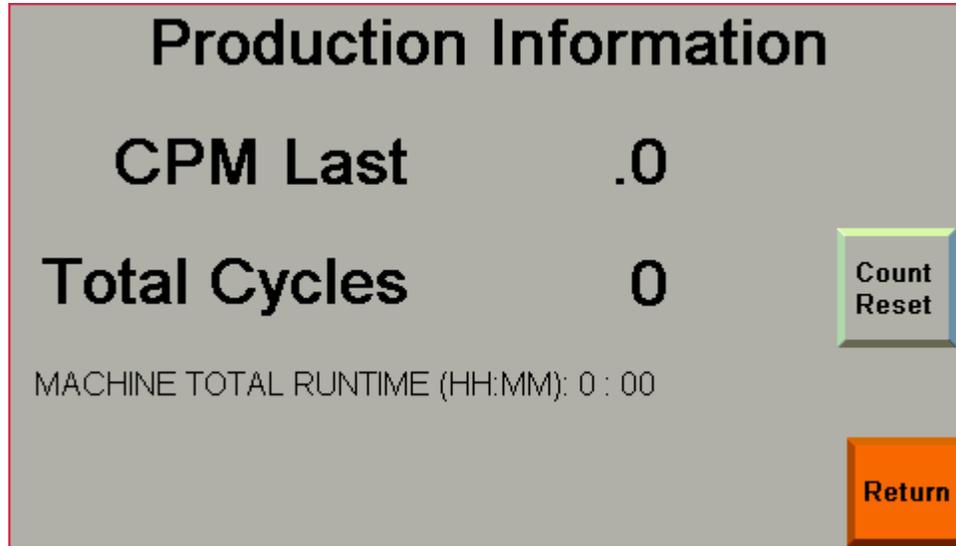
– Press each time to observe individual cycle step. Useful in observing machine through each cycle step for troubleshooting.



– Press to return to screen select.

**NOTE: To stop the cycle jog you must press system stop to take the machine out of cycle jog.**

## PRODUCTION INFORMATION SCREEN



**CPM Last**

– Displays figure for last minute of cases per minute.

**Total Cycles**

– Displays total number of cycles completed.

**Count  
Reset**

– Reset counter of total cases back to zero.

**Return**

- Press to return to previous screen.

## MACHINE OPTIONS SCREEN

**Machine Options**

High Speed Servo	Not Enabled	Ergo Mode	Not Enabled
Low Case	Not Enabled	Case Conveyor	Not Enabled
Low/No Tape Top	Not Enabled	Product Conveyor	Not Enabled
Low/No Tatpe Bot	Not Enabled	Hot Melt	Not Enabled
Sealer	Not Enabled	Opp Hand Cases	Not Enabled
Power Magazine	Not Enabled	Prod Info	Not Enabled
Fixed Magazine	Not Enabled	Erector MCR	Not Enabled
Side Belt	Not Enabled	Machine Serial #: 0	<b>Return</b>
Small Case	Not Enabled	Machine Version: .00	

HMI Control Panel – Machine Options Screen

The screen allows the operator to see what options are active on the machine. This screen is only a display. Options cannot be enabled from this screen.



– Return to Screen Select screen.

## CONFIGURATION CUSTOMER SCREEN



HMI Control Panel – Configuration Customer Screen

Allow operator to enable or disable various option that may be on the machine.

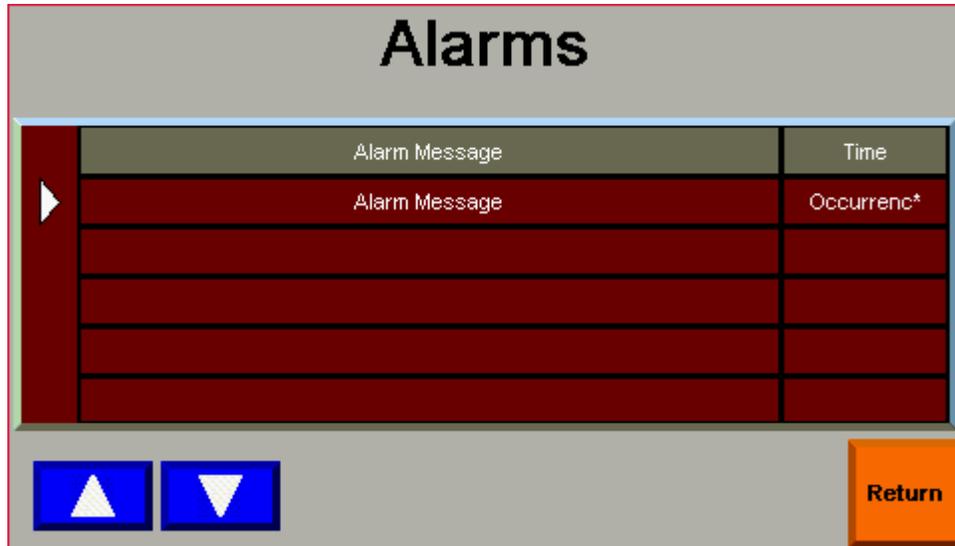


- Allows the operator to enable or disable the “Call for Case” from customer equipment.



– Press to return to previous screen.

## ALARM HISTORY



**Alarm History** – Screen will display over hundred past faults the machine has had.



- Allows the operator to scroll up or down through error messages.



- Takes the operator to the Screen Select screen.