



FASTAK MANUAL

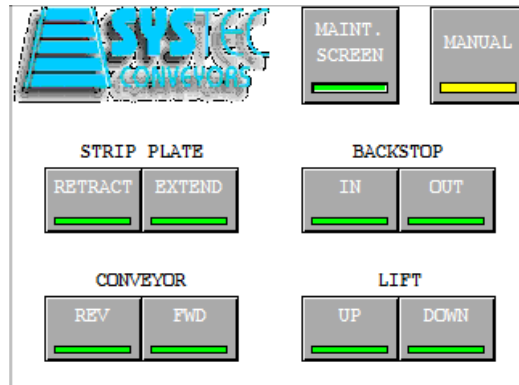


Illustration 1: MANUAL PAGE

MANUAL SCREEN:

MAINT. SCREEN – This will allow maintenance to adjust settings and view inputs on the Load Former Device. This will take the operator to MAINTENANCE PAGE.

MANUAL – When in manual, operator may control the Lift, Plate, Backstop, and Conveyor. Touching this button will take the operator to AUTO PAGE.

STRIP PLATE

RETRACT- This will retract the Plate in reverse.

EXTEND – This will extend the Plate forward.

BACKSTOP

IN – This will move the Backstop towards the operator.

OUT – This will move the Backstop away from the operator.

CONVEYOR

REV – This will move the Conveyor Belt reverse.

FWD – This will move the Conveyor Belt forward.

LIFT

UP – This will raise the Conveyor Belt up.

DOWN – This will lower the Conveyor Belt down.

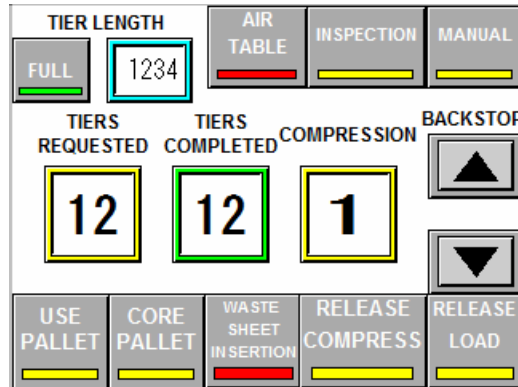


Illustration 2: AUTO PAGE

AUTO SCREEN:

TIER LENGTH

This option will allow the operator to set the distance the Plate will extend for forming loads.

FULL – This will take the operator to the TIER LENGTH PAGE.

AIR TABLE – This will turn the motor for the air table on

INSPECTION – This will cycle the Plate reverse and lower the Conveyor Belt for load/pallet inspection.

AUTO - When in manual, operator may control the Lift, Plate, Backstop, and Conveyor.

Touching this button will take the operator to MANUAL PAGE.

BACKSTOP

DOWN ARROW – This will move the Backstop towards the operator.

UP ARROW – This will move the Backstop away from the operator.

TIERS REQUESTED

This is the Number of Stacks Desired when forming loads.

TIERS COMPLETED

This is the Number of Stacks formed.

COMPRESSION

This allows the operator to compress the loads under the Plate. 0-10. 10 being the greatest compression setting.

****Warning**** Compression will force the loads to push up into the Plate.

USE PALLET – This allows pallets to be used in load forming. A pallet will enter the FASTAK after a load has been released in Automatic.

CORE PALLET – This allows a core pallet to be used in load forming. In AUTO, the Plate will reverse after the Conveyor Belt rises for operator to place a core pallet on the load. Operator will then hit the Tier Cycle button and the Plate will extend and not be counted as a Tier.

WASTE SHEET INSERTION– When on, the Plate will stay retracted at for the first Tier in order for the operator to insert a bottom sheet. Once the sheet has been inserted, hitting the Tier Cycle button will extend the plate out and not be counted as a Tier. When off, the Plate will stay extended out for the first Tier.

RELEASE COMPRESS– This will relieve the compression on the load under Plate. Used when Compression setting is greater than 0.

RELEASE LOAD– This will eject the load from Conveyor Belt to downstream conveyors.

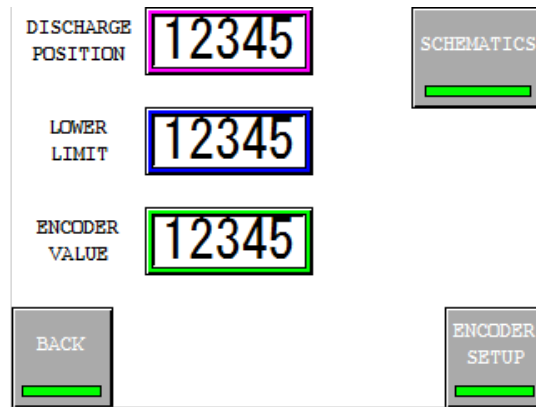


Illustration 2: MAINTENANCE PAGE

MAINTENANCE SCREEN: Password 6965 – Operator must be Maintenance DISCHARGE POSITION

This is the encoder position for discharging loads from the Conveyor Belt. 107 is the default value.

LOWER LIMIT

This is the encoder position for the Conveyor Belt Lower Limit. 520 is the default value.

ENCODER VALUE

This is the current encoder position.

SCHEMATICS – This will take the operator to SCHEMATICS PAGE.

BACK – This will take the operator to the MANUAL SCREEN.

ENCODER SETUP – This will take the operator to the ENCODER PAGE.

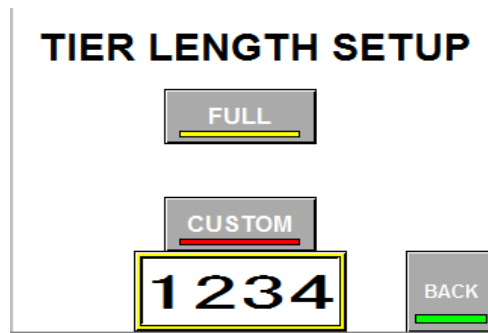


Illustration 3: TIER LENGTH PAGE

TIER LENGTH PAGE:

The operator is able to adjust the length of Plate to use in load forming.

FULL – This will extend the Plate to the full out value

CUSTOM – This will open a number entry page. The operator is able to adjust the length the Plate comes out in inches.

BACK – This will take the operator to the AUTO PAGE.

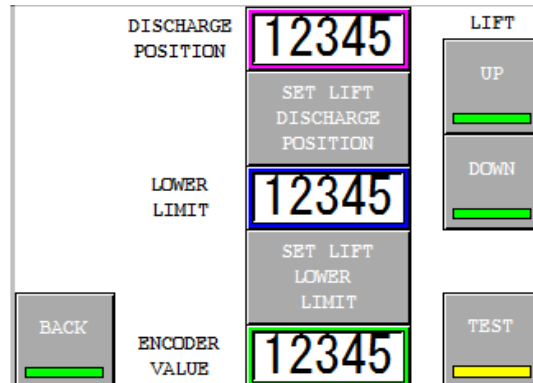


Illustration 4: ENCODER PAGE

ENCODER SCREEN:

DISCHARGE POSITION

This is the current value for discharging the loads.

SET LIFT DISCHARGE POSITION - Set the level of discharge by moving the Conveyor Belt up or down. Press this button to save value.

107 is default value.

LOWER LIMIT

SET LIFT LOWER LIMIT – Set the lower limit by moving the Conveyor Belt up or down. Press this button to save value.

520 is default value.

ENCODER VALUE

This is the current value of the encoder.

BACK- This will take the operator to the MAINTENACE PAGE.

LIFT

UP – This will raise the Conveyor Belt up.

DOWN – This will lower the Conveyor Belt down.

TEST – This will place the FASTAK in its testing cycle.

****Note**** The Conveyor Belt must be at the highest level (Raise the Belt to the maximum height). This is also to reset the encoder.

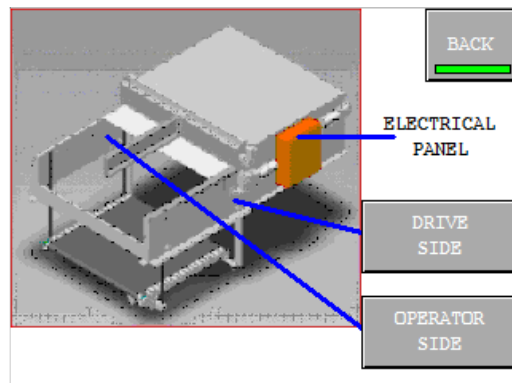


Illustration 5: SCHEMATICS PAGE

SCHEMATICS PAGE:

This allows the operator to choose to view the Drive Motor side of FASTAK or the Operator side of FASTAK.

DRIVE SIDE – This will take the operator to the DRIVE SIDE IO PAGE.

OPERATOR SIDE – This will take the operator to the OPERATOR SIDE PAGE.

BACK– This takes the operator to the MAINTENANCE PAGE.

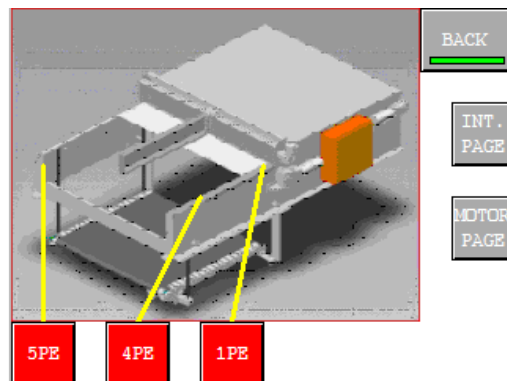


Illustration 6: DRIVE SIDE IO PAGE

DRIVE SIDE IO:

BACK – This will take the operator to the SCHEMATIC PAGE.

INT PAGE – This will take the operator to the INTERIOR PAGE.

MOTOR PAGE – This will take the operator to the MOTOR PAGE.

5PE – Load Exit photo eye.

4PE – Backstop Plate Safety photo eye.

1PE – Load Present under Plate photo eye.

****Note**** Red is photo eye NOT blocked. Green is photo eye IS blocked.

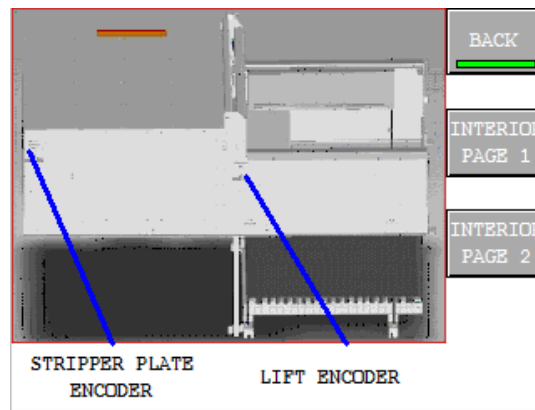


Illustration 7: INTERIOR PAGE

INTERIOR PAGE:

This page displays the location of the encoders.

STRIPPER PLATE ENCODER

This is the location of the Plate encoder.

LIFT ENCODER

This is the location of the Conveyor Belt encoder.

INTERIOR PAGE 1 – This will take the operator to the INTERIOR DETAIL PAGE 1

INTERIOR PAGE 2 – This will take the operator to the INTERIOR DETAIL PAGE 2

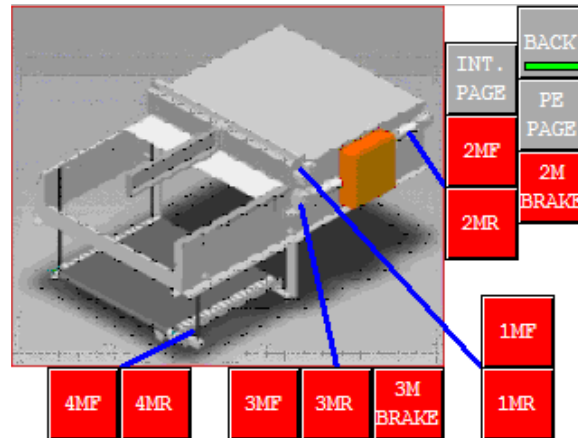


Illustration 8: MOTOR PAGE

MOTOR PAGE:

INT. PAGE - This will take the operator to the DRIVE SIDE INTERIOR PAGE.

PE PAGE– This will take the operator to the DRIVER SIDE IO PAGE.

2MF – Plate motor forward.

2MR – Plate motor reverse.

2M BRAKE - Plate Brake Release contactor.

1MF – Backstop motor forward.

1MR – Backstop motor reverse.

4MF – Conveyor Belt motor forward.

4MR – Conveyor Belt motor reverse.

3MF – Conveyor Belt Lift motor up.

3MR – Conveyor Belt Lift motor down.

3M BRAKE – Conveyor Belt Lift Brake Release contactor.

****Note**** Red, motor contactor is Off. Green, motor contactor is On.

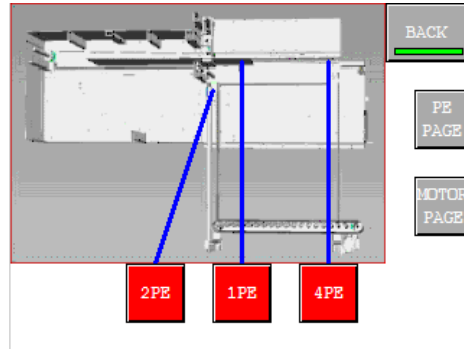


Illustration 9:DRIVE SIDE INTERIOR PAGE

DRIVE SIDE INTERIOR PAGE:

PE PAGE – This will take the operator to the DRIVE SIDE IO PAGE

MOTOR PAGE – This will take the operator to DRIVE MOTOR SIDE IO PAGE

2PE – Load Present under Plate Photo eye.

1PE – Load Present under Plate Photo eye.

4PE – Backstop Plate Safety photo eye.

****Note**** Red, photo eye is NOT blocked. Green, photo eye IS blocked.

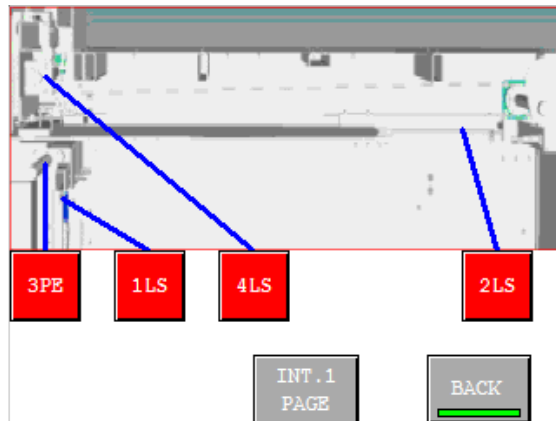


Illustration 10: INTERIOR DETAIL PAGE 2

INTERIOR DETAIL PAGE 2:

INT. 1 PAGE – This will take the operator to the INTERIOR DETAIL PAGE 1.

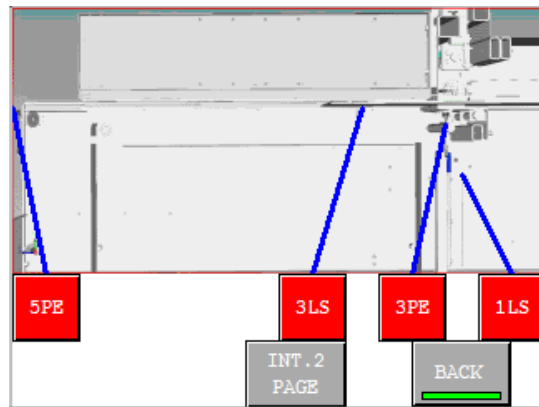
3PE – Load Present under Plate photo eye.

1LS – Conveyor Belt Lift Up limit switch.

4LS – Pallet Gate Closed limit switch.

2LS – Plate Home limit switch.

****Note**** Red, photo eye or limit switch is NOT blocked. Green, photo eye or limit switch IS blocked.



*Illustration 11: INTERIOR DETAIL
PAGE 1*

INTERIOR DETAIL PAGE 1:

INT. 2 PAGE – This will take the operator to the INTERIOR DETAIL PAGE 2.

5PE – Load Exit photo eye.

3LS – Plate in Position limit switch.

3PE – Load Present under Plate photo eye. **1LS** – Plate in Home Position limit switch.

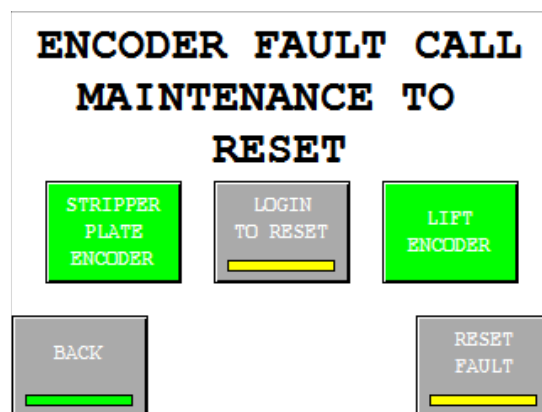


Illustration 12: FAULT PAGE

FAULT PAGE: Password is 6965 – operator must be Maintenance

If at any point during operation this page is displayed, the operator must evaluate the error.

ENCODER FAULT, CALL MAINTENANCE TO RESET

STRIPPER PLATE ENCODER – This will display if the Plate encoder has faulted or if the overload for Plate motor has tripped.

LOGIN TO RESET – This will take the operator to a Password Screen. When the Maintenance operator has entered in the correct password, the RESET FAULT button will appear for reset.

LIFT ENCODER – This will display if the Conveyor Belt Lift encoder has faulted or if the overload for Conveyor Belt Lift motor has tripped.

RESET FAULT – The Maintenance operator must enter the password to correct the fault in order for FASTAK to operate. This is to warn operator and Maintenance a major fault must be cleared.