IFOLD SERVICE MANUAL

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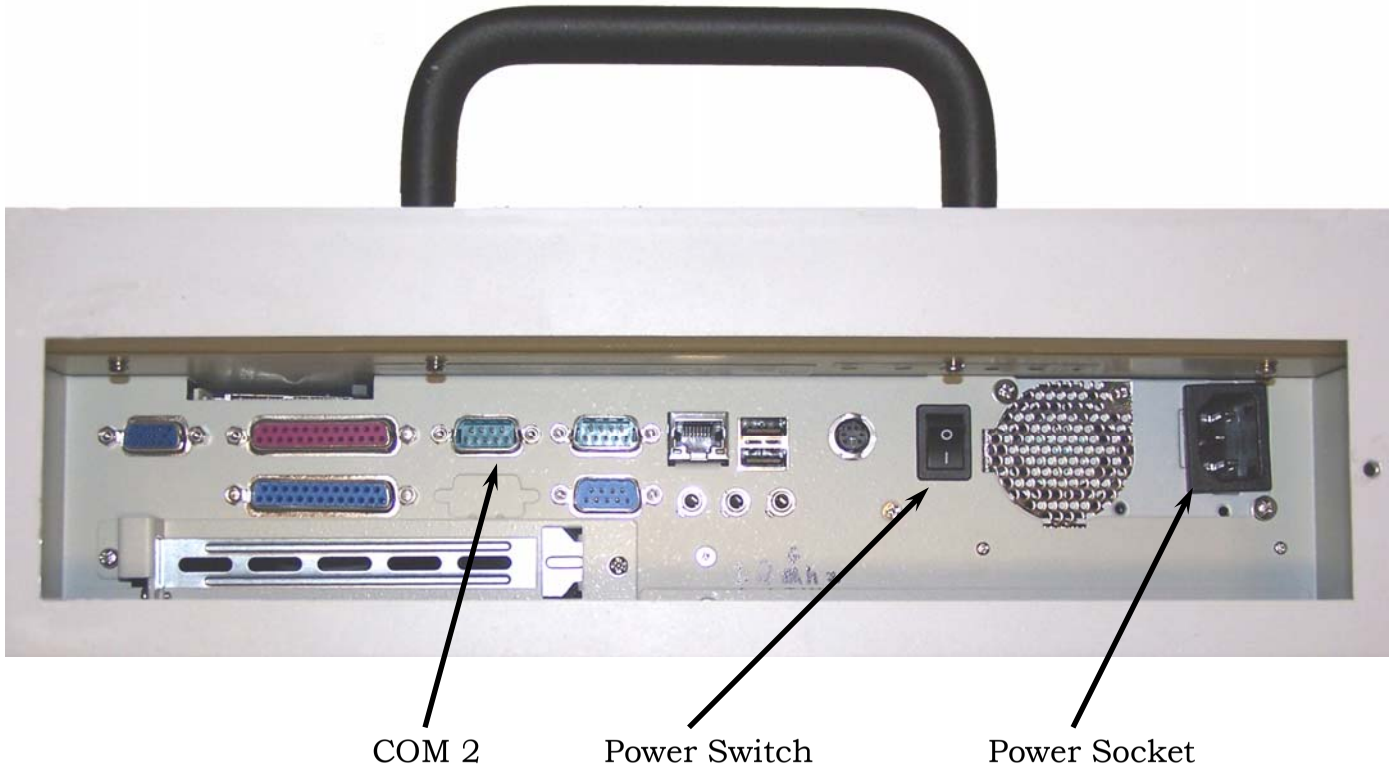
I-FOLD ELECTRICAL INSTALLATION

1. WARNING: Power MUST BE DISCONNECTED from the machine before starting this procedure.

2. Remove the back feeder, parallel & register guards.

3. Install I-fold display mount (See Assy. Drawing FK2001426) onto register frame as shown in I-fold display mounting location (See Page 33). Note: Before tightening the (4) socket head screws, locate display mount so that a gap between the top of the register frame and the display mount is at maximum clearance, so that the register guard can be re-installed.

Figure 1



4. Install mounting arm into display mount.

5. Mount computer and enclosure onto mounting arm as shown in figure 3.

6. Remove Bottom cover plate from I-fold computer enclosure, to expose computer's connectors, see Figure 1.

7. Install power cable FK201500 into computers power socket. Install communication cable FK2001501 into computer receptacle "COM 2", see Figure 2.

8. Run both the power and communication cable through a cable strain relief located in a plate on the back side of the computer's enclosure, until both cables have a 3" to 4" service loop on the cable between the connectors and the strain relief's. Tighten outer strain relief nut to hold cables securely, see Figure 3.

9. Run both power and communication cable up into the hole of the enclosure mounting bracket and down through the goose neck mounting arm tube and pull cables out the bottom of the mounting block, as shown in Figure 3.

Figure 2

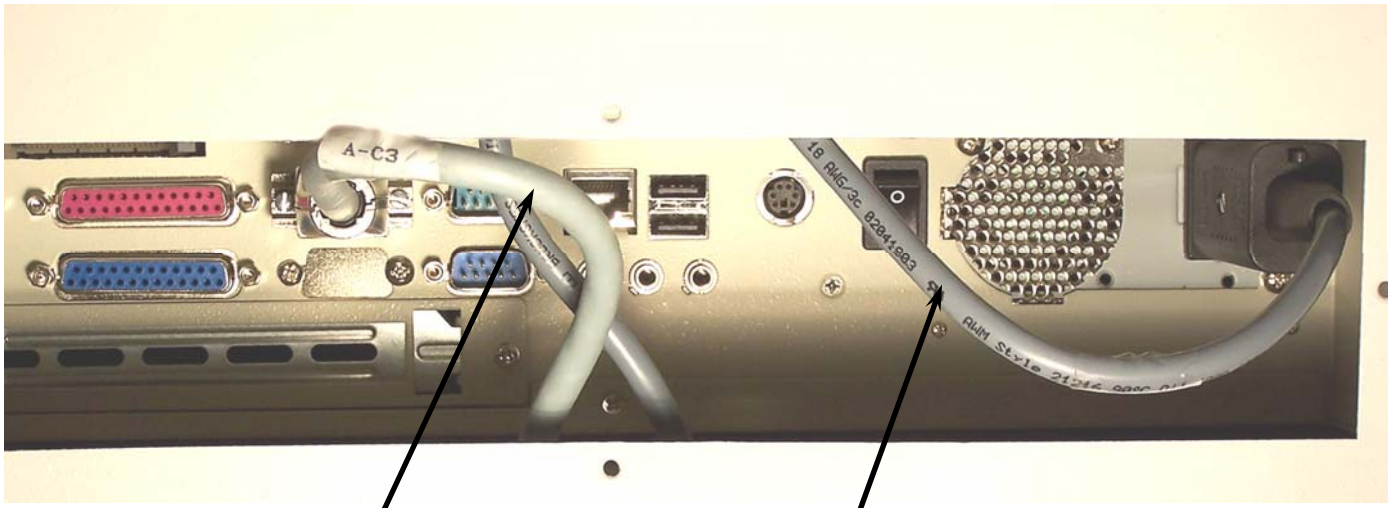
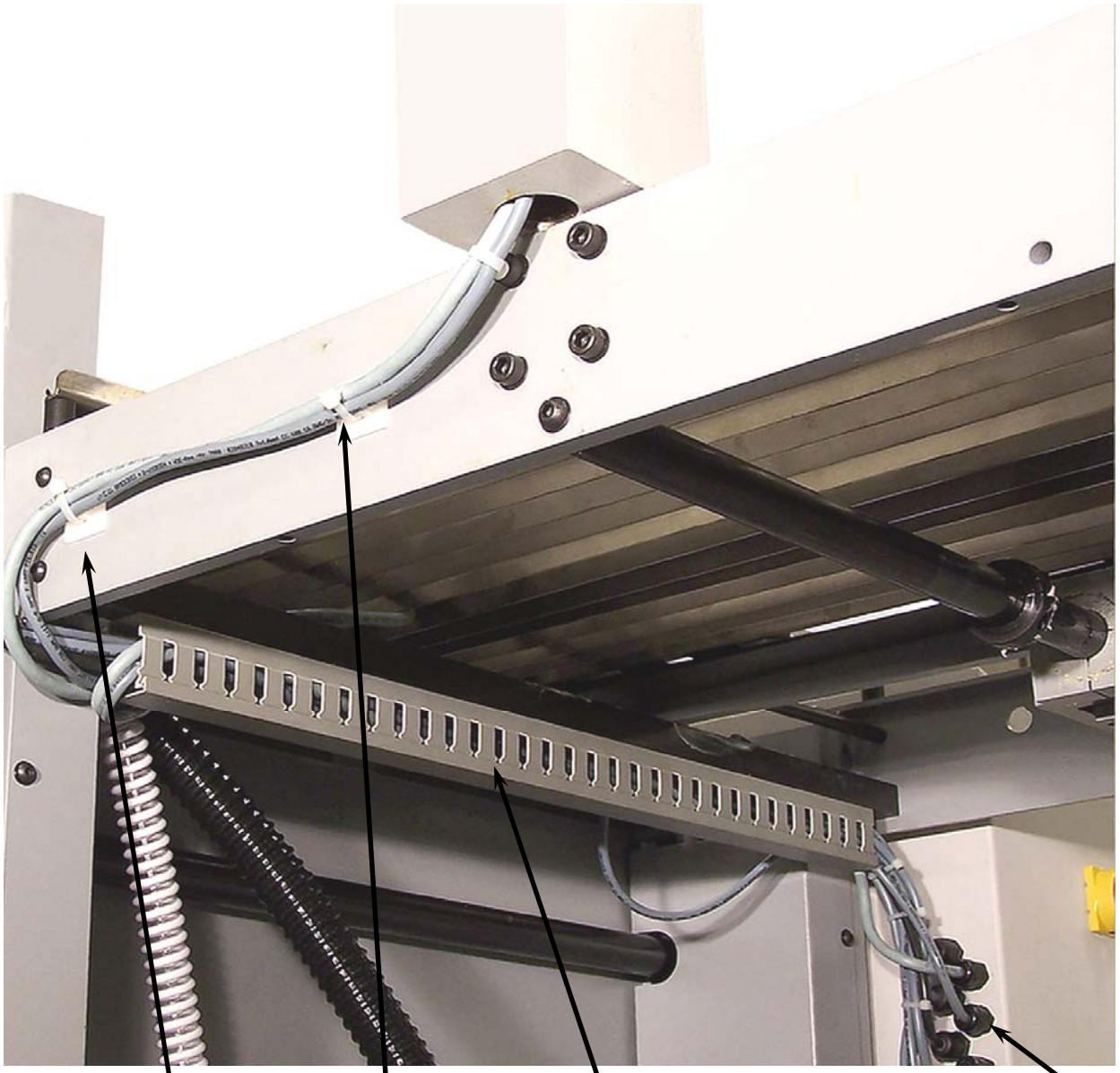


Figure 3

10. Mount the 2 cable anchors, as shown in Figure 4. Mount cables with wire ties to the anchors as shown, run through the wire channel across the register. Remove two hole plugs in the back of the electrical enclosure and install two cable strain reliefs. Run the two cables through the strain reliefs. Install folder guarding and wire channel cover. Tighten the two strain relies to secure the cables.

Figure 4



11. The communication board will sit on the right side of din rail that sits above the transformer, as shown in Figure 5. Run the communication cable to the top of the communication board and will wire into the two rows of terminals. Add an extra 2” to 3” of cable, and then cut cable to that length. Strip back 4” of cable jacket and shielding to expose conductors. Cut pink, brown & green conductors 1” shorter than the other three conductors. Strip approximately 5/16” of wire insulation from each conductor. Wire communication cable into the communication board terminal block as shown in figure 6.

Figure 5

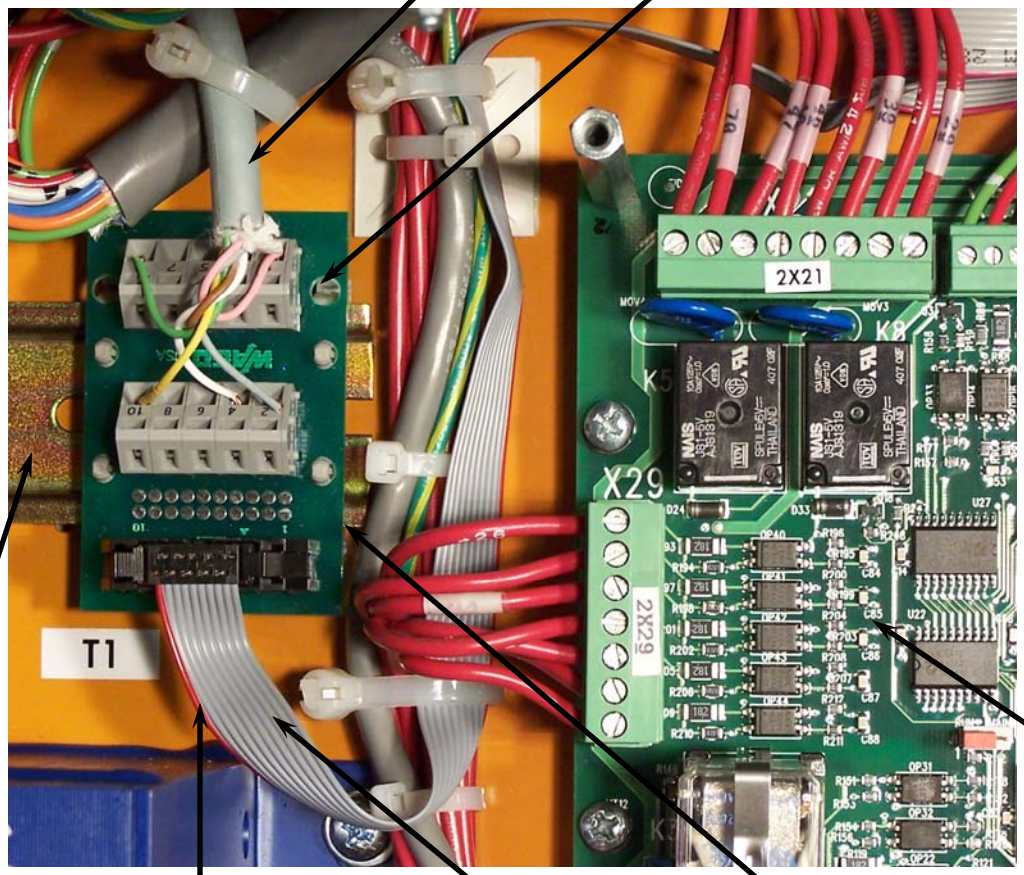
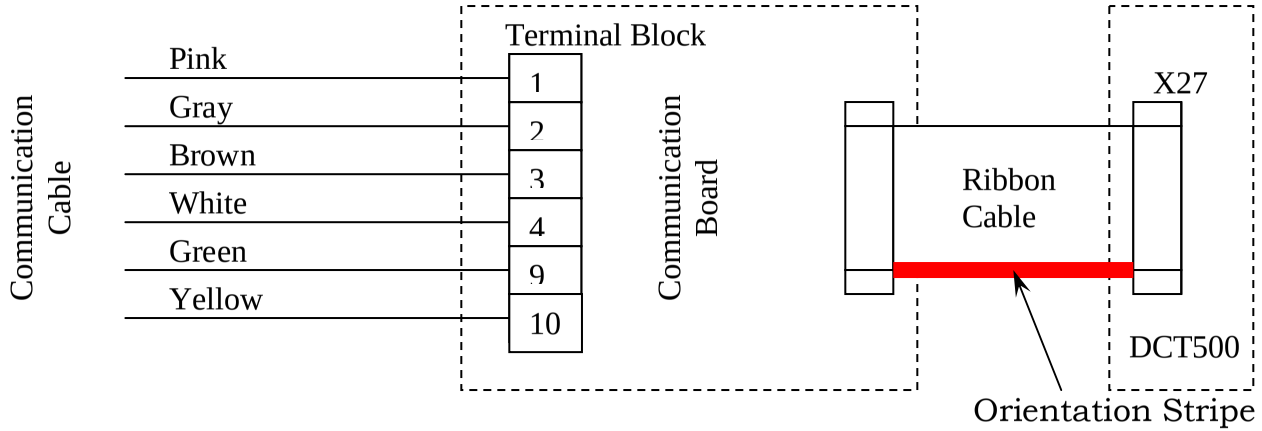


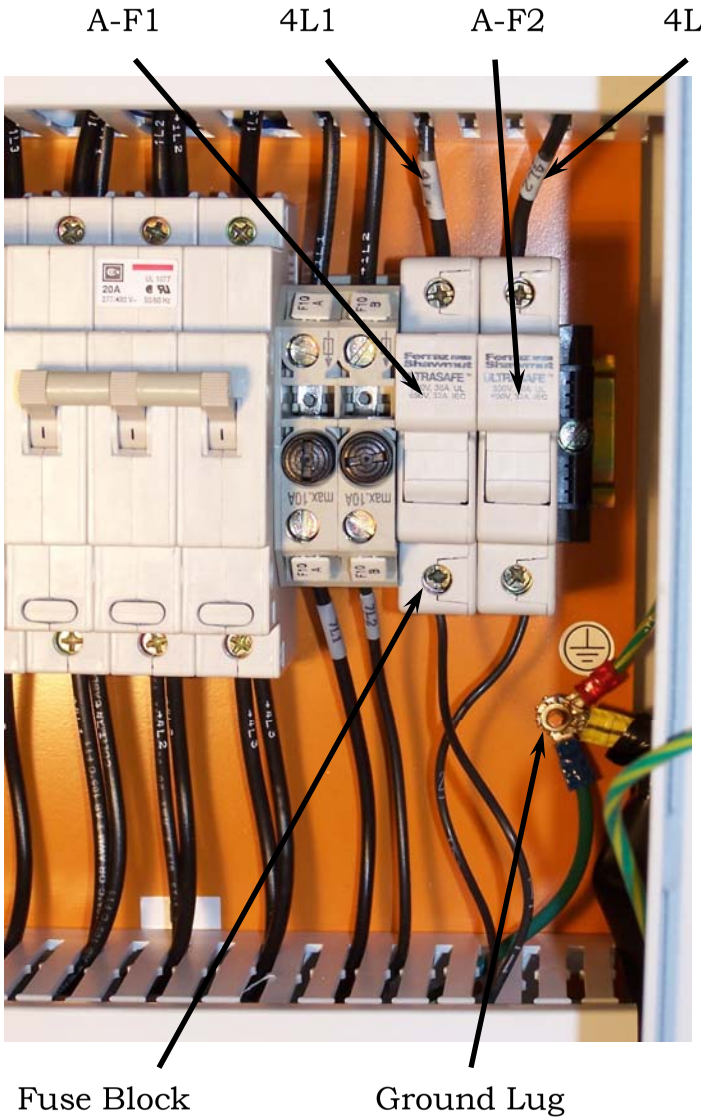
Figure 6



12. Add ribbon cable. Connect one end to the communication board as shown in Figure 5. **Note** orientation stripe on the ribbon cable, this must be on the left side of connector as shown. **The connector can be installed backwards**. Run cable and connect to the X27 connector on the DTC500 board, see Figure 9. **Note** orientation stripe on the ribbon cable, this must be on the left side of the X27 connector as shown. **The connector can be installed backwards.** Secure the ribbon cable with wire ties, NOTE: do not over tighten or crush the ribbon cable with the wire ties.

13. Add new fuse blocks to the din rail to the right of the existing fuse blocks as shown in Figure 7, The fuse blocks must be tied together with a tie pin, this will insure that both fuse holders will open at the same time. Label fuse blocks as A-F1 and A-F2. **NOTE: DO NOT INSTALL FUSES AT THIS TIME.** Run I-fold power cable between transformer and the terminal blocks and into the wire channel. Run cable to the bottom side of fuses. Add an extra 2" to 3" of cable, and then cut cable to that length. Strip back approximately 8" of cable jacket. Strip approximately 5/16" of wire insulation from each conductor. Add ring terminal to the green \ yellow conductor and mount to ground lug shown in Figure 7. Wire conductor 1 to bottom of fuse block A-F1 and wire conductor 2 to bottom of fuse block A-F2.

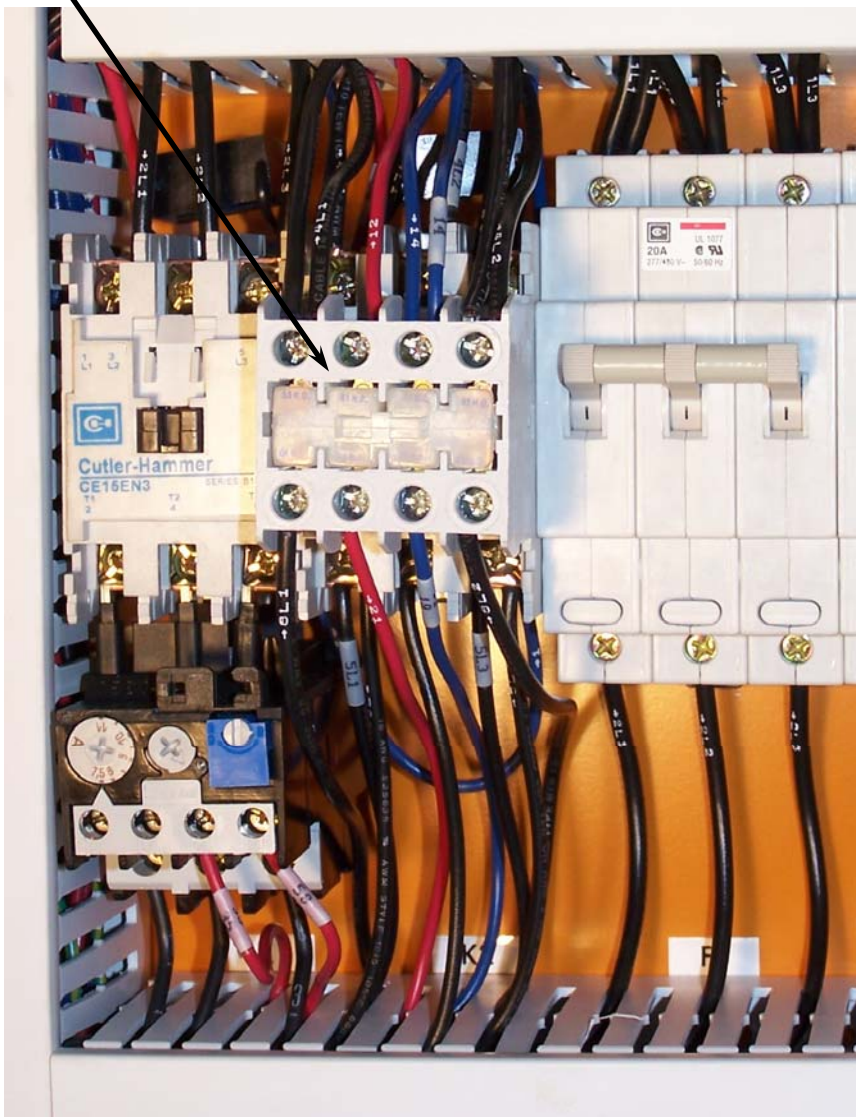
Figure 7



14. Take wire and cut into two equal lengths. Strip approximately 5/16” of wire insulation from each conductor at both ends. Label one conductor 4L1 and the other conductor 4L2 at both ends. Wire 4L1 to the top of fuse block A-F1, and wire 4L2 to the top of fuse block A-F2, as shown in Figure 7.

15. Run wire 4L1 to K2-53 if folder is a 15” or 18” model or to K2-53 if folder is a 20” model. Run 4L2 toK2-83 if folder is a 15” or 18” model or to K2-63 if folder is a 20” model, as shown in Figure 8.

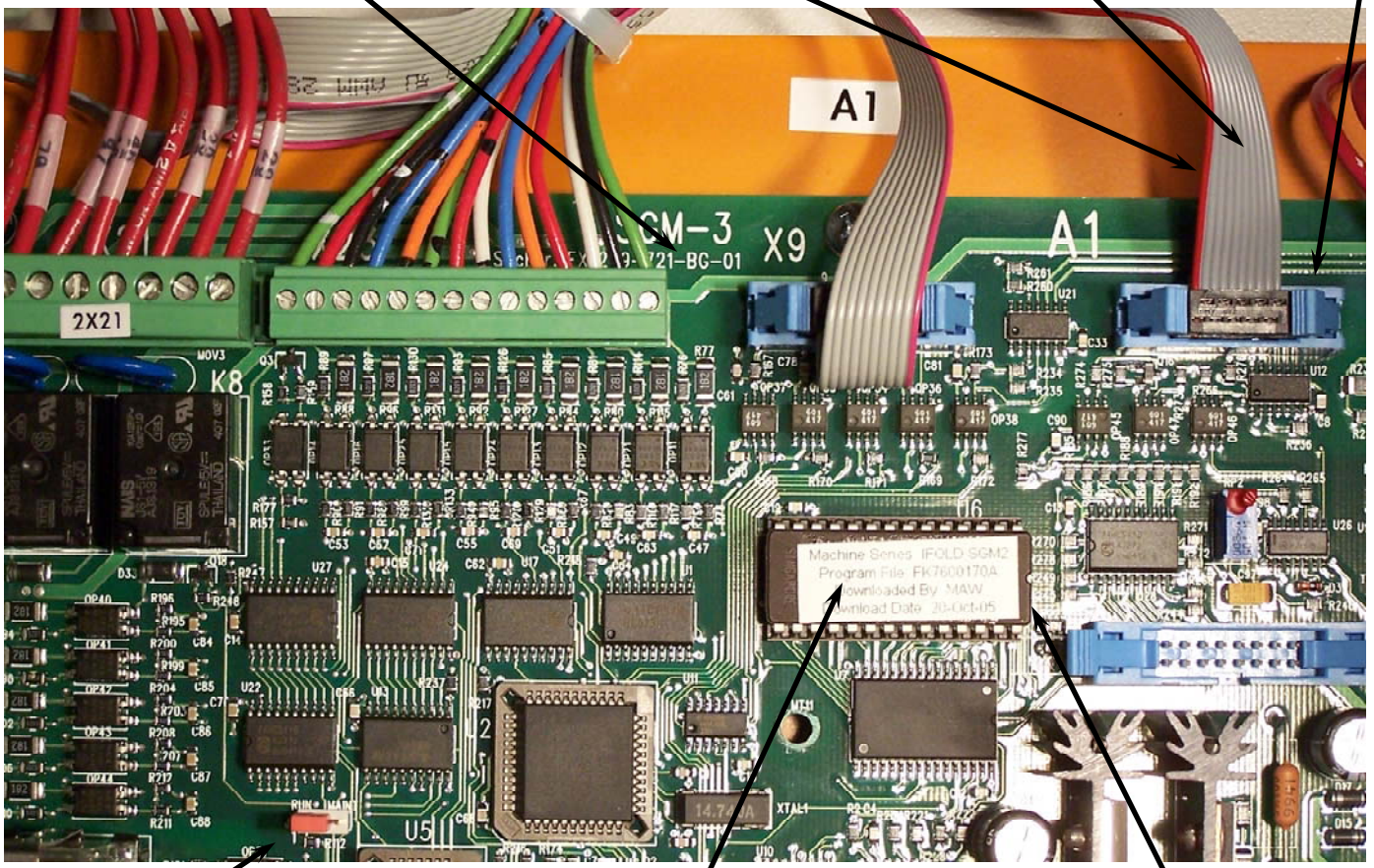
Figure 8



16. Cleanup wiring and reinstall all wire channel covers that were removed.

17. Replace DCT500 software chip, shown in Figure 9. Carefully do this by using a small screw driver and lifting the chip at both ends and out of the U6 socket. Do not handle the chip by the legs, only by the sides of the chip. Note the orientation of the chip notch, the new chip must be installed in the same direction. Care must be taken not to touch the legs of the chip. Carefully install new chip into the U6 socket.

Figure 9 DCT500 Board Orientation Stripe Ribbon Cable X27 Connector



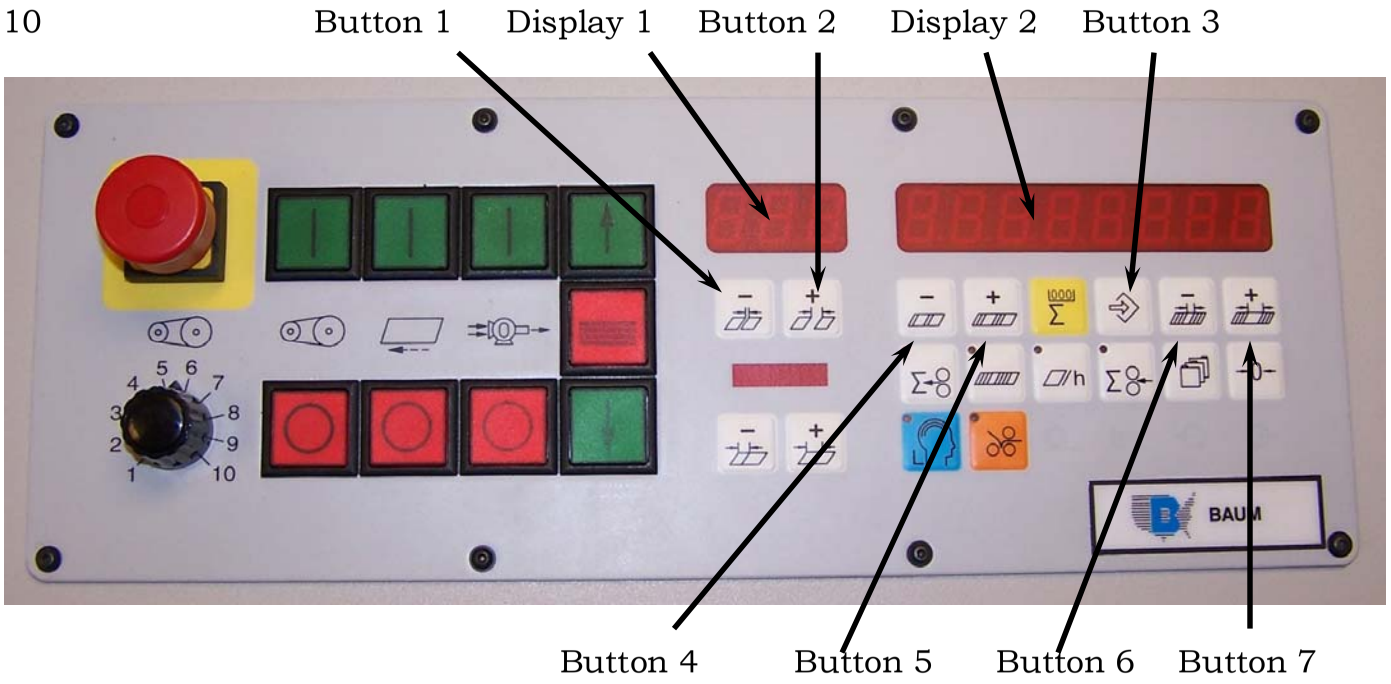
18. Move the run/main jumper (currently on the 1st and 2nd pins) to the 2nd and 3rd pins; this will place the machine in maintenance mode at power up. See jumper location in Figure 9.

19. Reconnect power to the machine, **NOTE: I-FOLD COMPUTER FUSES A-F1 and A-F2 ARE NOT INSTALLED AT THIS TIME**. Turn on main power switch.

20. Folder will wake up in maintenance mode. Both displays will light up with "8" in each segment. Then a diagnostic message will display in display 2. Then the new software version will display in display 2, "dct 9.9.b". Then the machine will switch to maintenance mode, display will display ether "oFF" or "dSP" and display 2 will display the machine model i.e. (P-2020).

21. Set Serial Port operating mode. Note display 1, Figure 10, this display needs to display "nEt". To toggle between modes by pressing button 1, or button 2, until "nEt" is displayed.

Figure 10



22. Go to the advance settings by pressing button 3, Figure 10. Value A00 should now be displayed in display 1. Use button 4 and button 5 to change the value of display 1. By pressing button 5 the value increases, set value to "A03". A value of "0" should now be displayed in display 2. Use button 6 and button to change its value to "1". Next value "A04" must be displayed in display 1, use button 5. The value of A04 is displayed in display 2 and must be change to "nEt 1". Press button 6 or 7 to change the value. Press button 3 times to exit program mode.

23. Check the voltage to the I-fold computer by taking a voltmeter, setting it to VOLTS AC and look at the voltage across the top of the new fuse blocks A-F1 and A-F2. The reading should be between 200 to 244 Volts. If not, go back and troubleshoot power circuit, before fuses are installed.

24. Power down the machine by switching off main power switch. Move the run/main jumper (currently on the 2nd and 3rd pins) back to the 1st and 2nd pins; this will place the machine back in run mode at power up. See jumper location in Figure 9.

25. Install .5 amp fuses into fuse blocks A-F1 and A-F2. Reinstall cover over the DCT500 board. Cleanup enclosure and close up enclosure.

26. Turn on main power switch and let the machine wake up normally.

27. Go into the machine setup mode by pressing button 3, see Figure 9. Use button 1, or button 2, to get "P20" to display in display 1. Use button 4, or button 5, to display "P22" in display 1, Display 2 should now read "Addr 1". Use button 4, or button 5. to change display 1 to read "P24", Display 2 will read "nEt 0". Use button 6, or button 7, to change display 2 so it reads as "nEt 1". Press button 1 once then button 3 once to leave setup mode.

28. If I-fold computer is not up at this time check power switch on the computer, it must be switched on, see Figure 1.

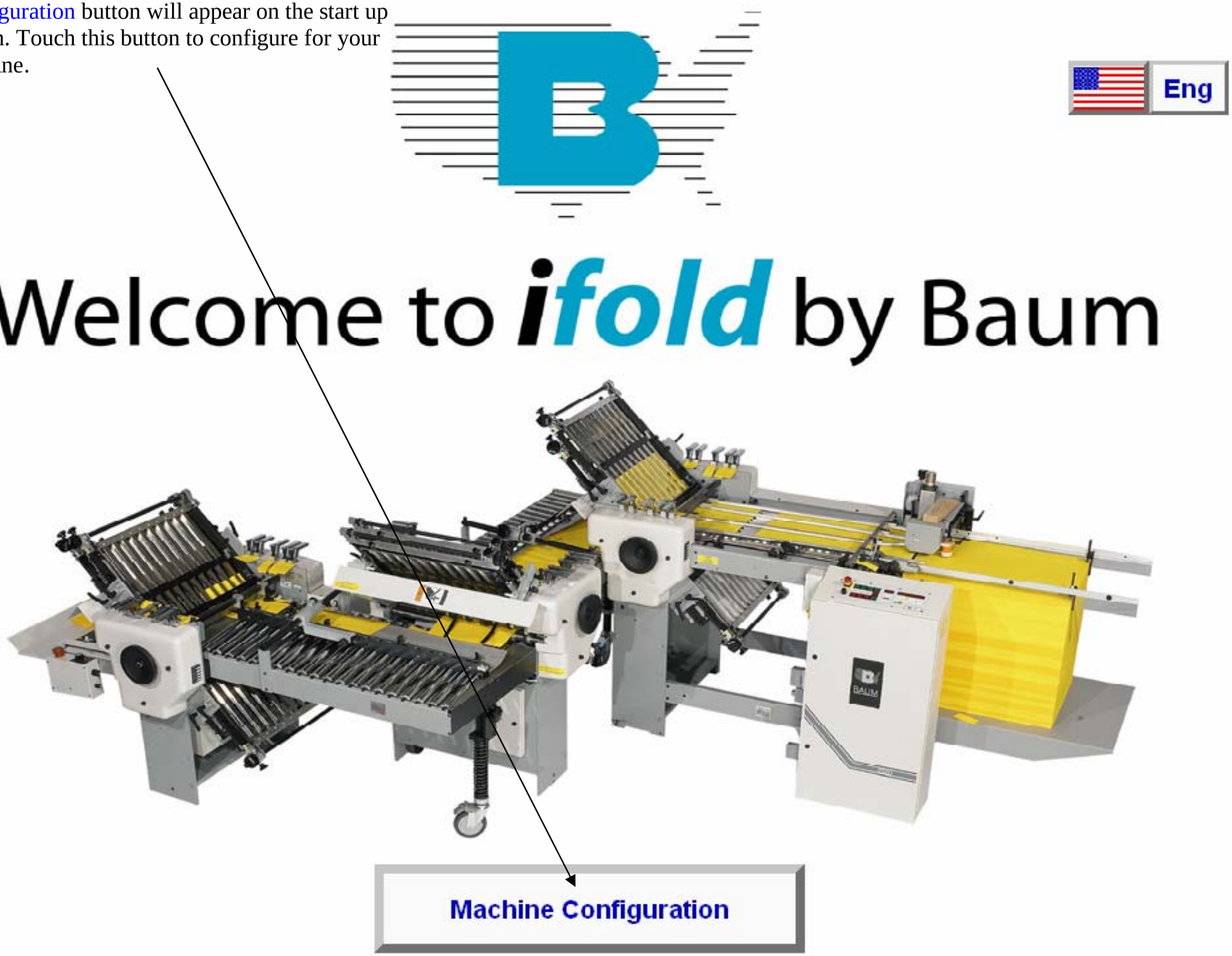
29. Place the removed chip, from instruction 13 back into the box the new chip came in and please send it back to Baumfolder for reprogramming.

    BAUMFOLDER CORP.
    ATTN. MARK WALKER
    1660 Campbell Road
    Sidney, Ohio 45365

ifold machine configuration instructions

For service technicians use only

The first time ifold is powered up the Machine Configuration button will appear on the start up screen. Touch this button to configure for your machine.



Once the number of plates in the Parallel are set these boxes will disappear. Verify the settings are correct before setting the number of plates in the parallel.

This should be set from the factory.
0 = Autoset
1 = 2015
2 = 2020 pile
3 = 2020 continuous
4 = 1526 or 1530

Folder Configuration

How wide is the Parallel ? 26

Machine Type ? 4

This will only appear if the machine type is 4. It should be set from the factory to the width of your machine.

Number of Parallel Fold Plates 0

Touch this box to tell Ifold how many plates you have in the parallel unit. It will increment thru 0 2 3 4 6 each time you touch this box.

Number of Eight Page Fold Plates 0

Touch this box to tell Ifold how many plates you have in the 8page unit. It will increment thru 0 2 3 4 6 each time you touch this box. If you do not have an 8page unit leave it set to 0

Number of Sixteen Page Fold Plates 0

Touch this box to tell Ifold how many plates you have in the 16page unit. It will increment thru 0 2 3 4 6 each time you touch this box. If you do not have a 16page unit leave it set to 0

Gate Fold Unit ? No

Display exit sensor ? No

Do you have a hang on stacker ? No

Do you have a Presser Stacker ? No

Factory use only

Once you have completed the configuration touch this button to go to the main page.

Folder Configuration

Touch this box to tell Ifold if you have the optional Gatefold plate. It will toggle between yes and no each time it is touched.

Touch this box to tell Ifold if you want to display the optional exit sensor count in place of the standard infeed count. It will toggle between yes and no each time it is touched.

Touch this box to tell Ifold if you are using the standard hang on stacker. It will toggle between yes and no each time it is touched. This is very important if this is an Autoset.

Touch this box to tell Ifold if you have the optional Presser Stacker. It will toggle between yes and no each time it is touched.

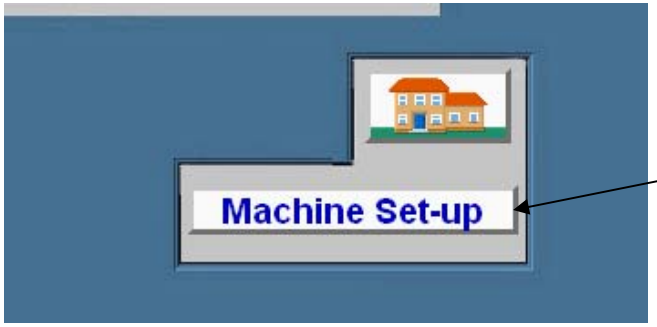
Touch this box to shut down Ifold but not the computer. This should only be used when updating the program

Factory use only

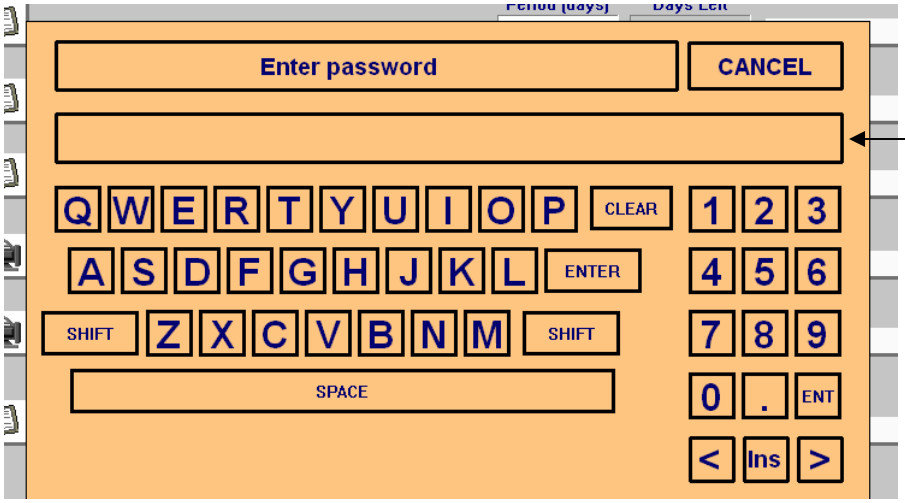
DO NOT TOUCH THIS BUTTON. This button is for factory use only.

Number of Parallel Fold Plates	4
Number of Eight Page Fold Plates	4
Number of Sixteen Page Fold Plates	4
Gate Fold Unit ?	No
Display exit sensor ?	No
Do you have a hang on stacker ?	No
Do you have a Presser Stacker ?	No

You can get back into the Machine Configuration screen at anytime by going to the main page then touching the Maintenance button



Once in the Maintenance screen touch the Machine Set-up button.



This will bring up a keypad asking you to enter the password. Enter the password 4921281 then touch the enter button.

Start up procedures

The I-Fold software should start-up automatically when the machine is turned on. If for any reason it does not start up properly cycle power to the machine. If the I-Fold software still will not start up contact your local dealer for support.

Shut down procedures

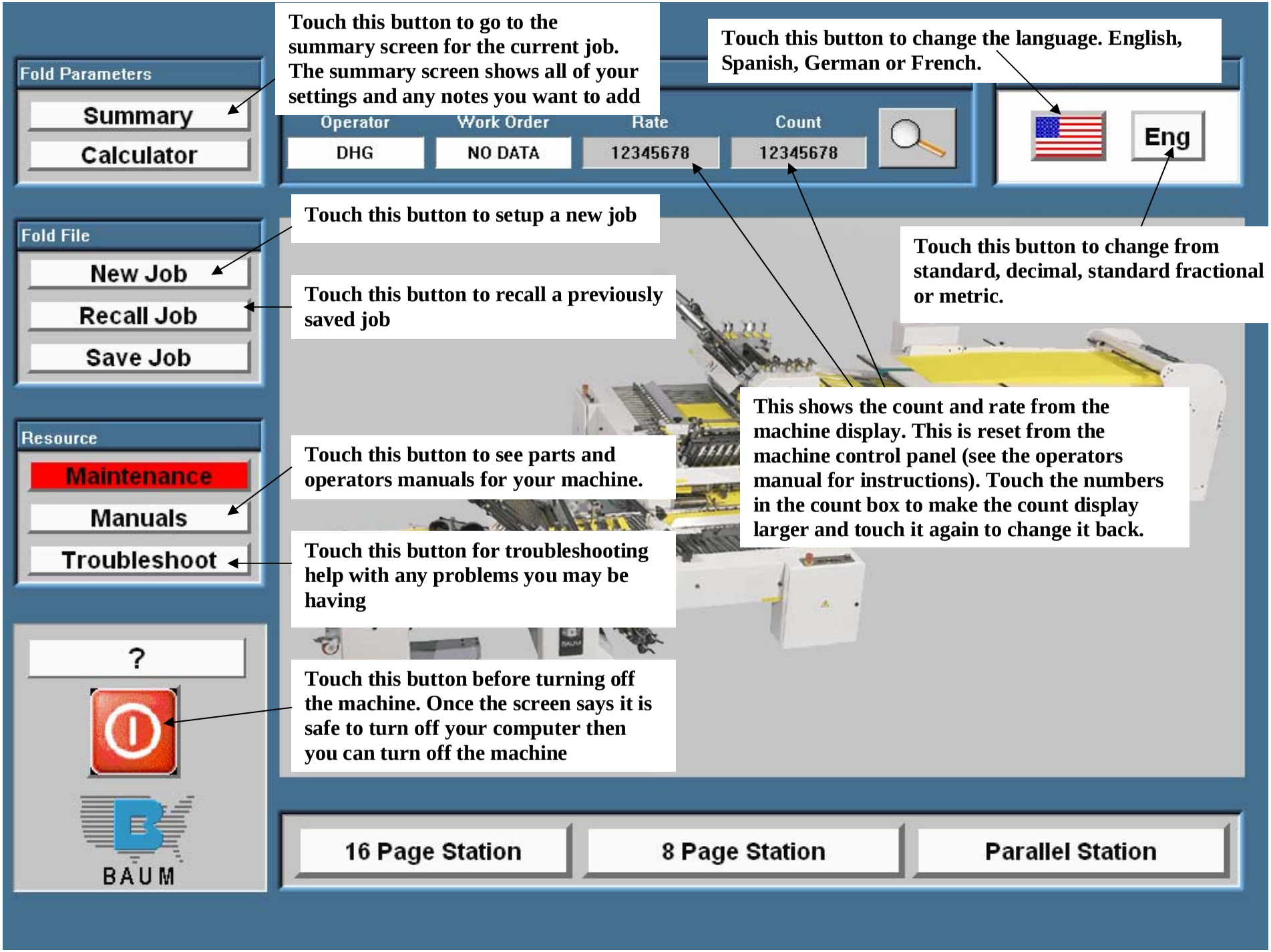
It is very important to shut down the I-Fold properly before turning off the machine. Before powering down the machine press the button to start the power down procedure. A pop up box will appear asking if you are sure you want to power down. Press OK. From this point the power down is automatic. Once the screen reads it is OK to turn off your computer you can shut down the machine.

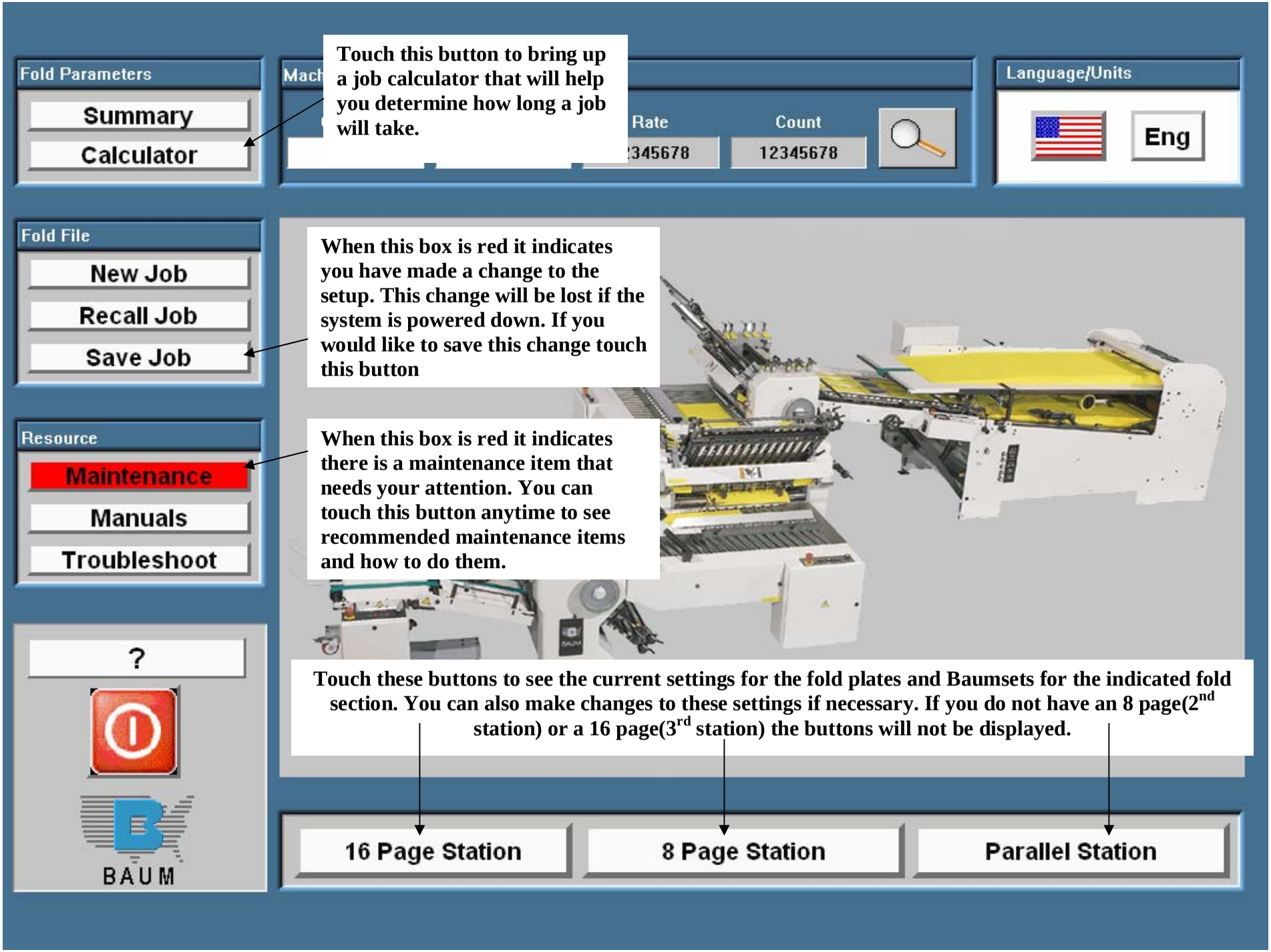
Cleaning Touch Screen computer

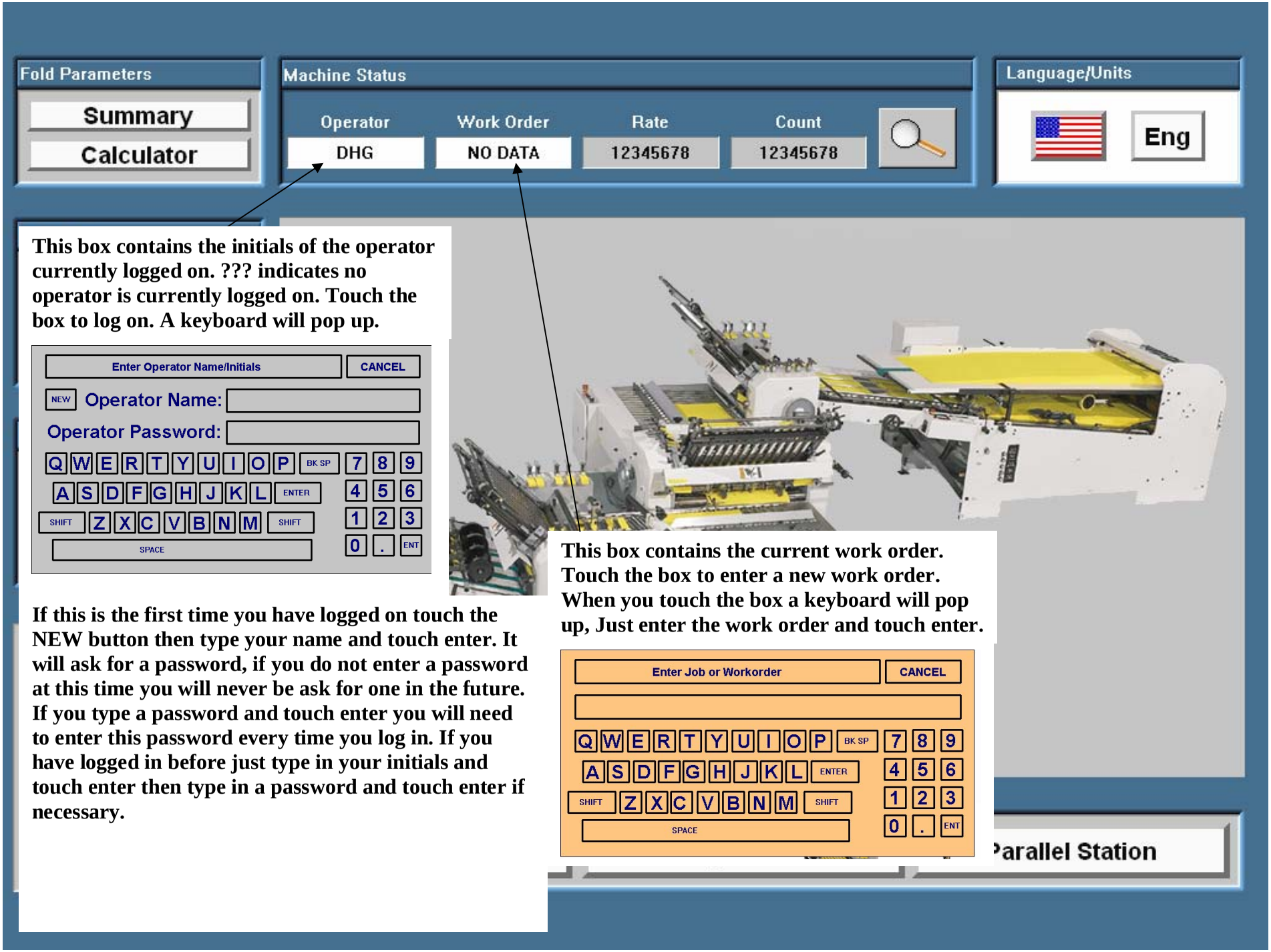
It is very important to shut down the I-Fold computer before cleaning the computer screen. Use a CRT screen cleaner ONLY on the interface touch screen.

Warranty Note

WARNING – Damage to the computer screen will occur if any instrument other than the operator's finger is used to navigate the I-Fold screens. NOTE: Warranty on the computer will be void if this is found to be the case for computer failure.

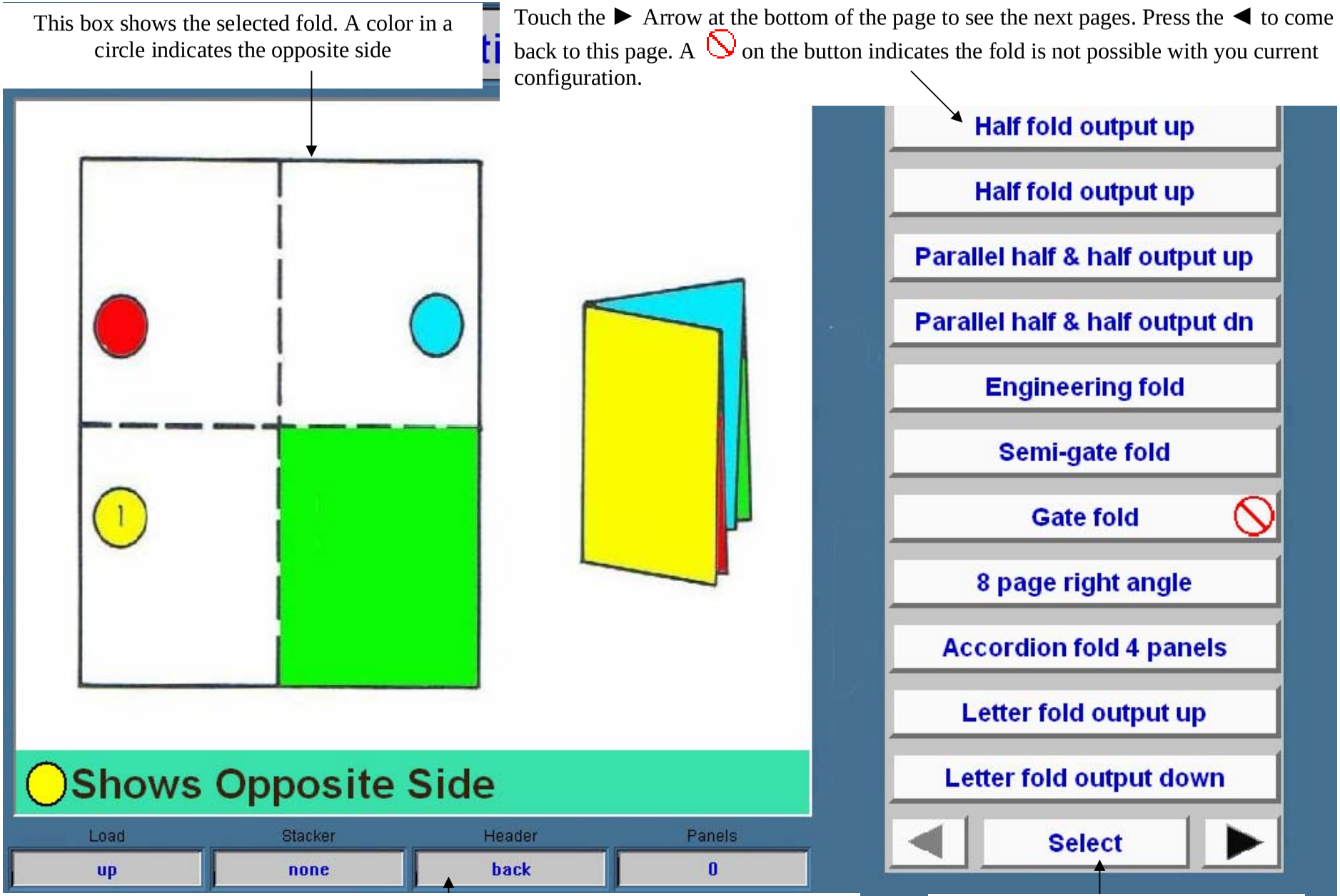

Fold Parameters
Summary
Calculator
Fold File
New Job
Recall Job
Save Job
Resource
Maintenance
Manuals
Troubleshoot
?
BAUM
Operator
Work Order
Rate
Count
DHG
NO DATA
12345678
12345678
Eng
16 Page Station
8 Page Station
Parallel Station
Touch this button to go to the summary screen for the current job. The summary screen shows all of your settings and any notes you want to add
Touch this button to change the language. English, Spanish, German or French.
Touch this button to setup a new job
Touch this button to recall a previously saved job
Touch this button to change from standard, decimal, standard fractional or metric.
This shows the count and rate from the machine display. This is reset from the machine control panel (see the operators manual for instructions). Touch the numbers in the count box to make the count display larger and touch it again to change it back.
Touch this button to see parts and operators manuals for your machine.
Touch this button for troubleshooting help with any problems you may be having
Touch this button before turning off the machine. Once the screen says it is safe to turn off your computer then you can turn off the machine


Fold Parameters
Summary
Calculator
Touch this button to bring up a job calculator that will help you determine how long a job will take.
Rate
Count
12345678
Language/Units
Eng
Fold File
New Job
Recall Job
Save Job
When this box is red it indicates you have made a change to the setup. This change will be lost if the system is powered down. If you would like to save this change touch this button
Resource
Maintenance
Manuals
Troubleshoot
When this box is red it indicates there is a maintenance item that needs your attention. You can touch this button anytime to see recommended maintenance items and how to do them.
?
BAUM
Touch these buttons to see the current settings for the fold plates and Baumsets for the indicated fold section. You can also make changes to these settings if necessary. If you do not have an 8 page(2nd station) or a 16 page(3rd station) the buttons will not be displayed.
16 Page Station
8 Page Station
Parallel Station


Fold Parameters
Summary
Calculator
Machine Status
Operator
Work Order
Rate
Count
DHG
NO DATA
12345678
12345678
Language/Units
Eng
This box contains the initials of the operator currently logged on. ??? indicates no operator is currently logged on. Touch the box to log on. A keyboard will pop up.
Enter Operator Name/Initials
CANCEL
NEW
Operator Name:
Operator Password:
Q W E R T Y U I O P BK SP
A S D F G H J K L ENTER
SHIFT Z X C V B N M SHIFT
SPACE
7 8 9
4 5 6
1 2 3
0 . ENT
If this is the first time you have logged on touch the NEW button then type your name and touch enter. It will ask for a password, if you do not enter a password at this time you will never be ask for one in the future. If you type a password and touch enter you will need to enter this password every time you log in. If you have logged in before just type in your initials and touch enter then type in a password and touch enter if necessary.
This box contains the current work order. Touch the box to enter a new work order. When you touch the box a keyboard will pop up, Just enter the work order and touch enter.
Enter Job or Workorder
CANCEL
Q W E R T Y U I O P BK SP
A S D F G H J K L ENTER
SHIFT Z X C V B N M SHIFT
SPACE
7 8 9
4 5 6
1 2 3
0 . ENT
arallel Station

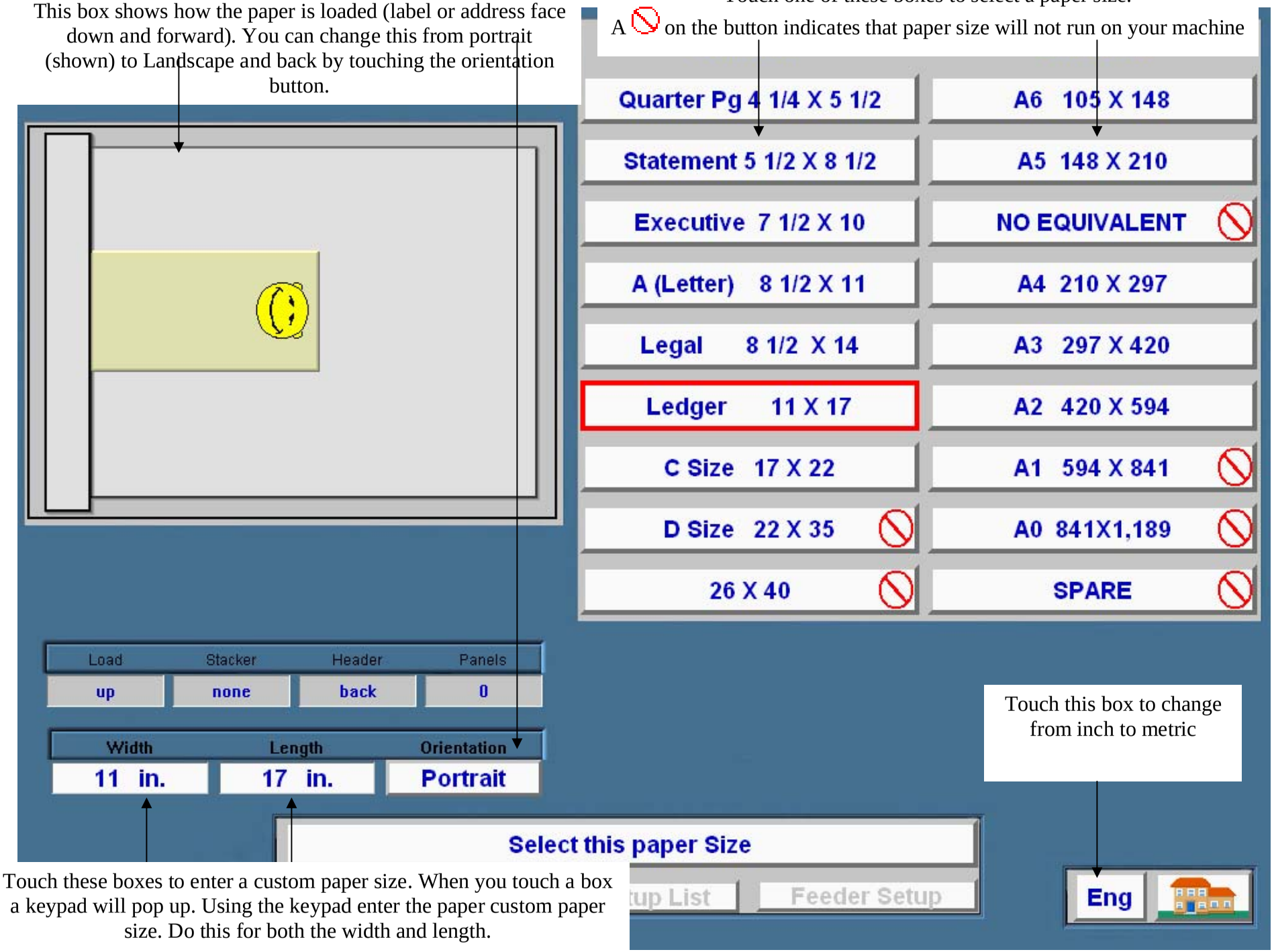
This box shows the selected fold. A color in a circle indicates the opposite side

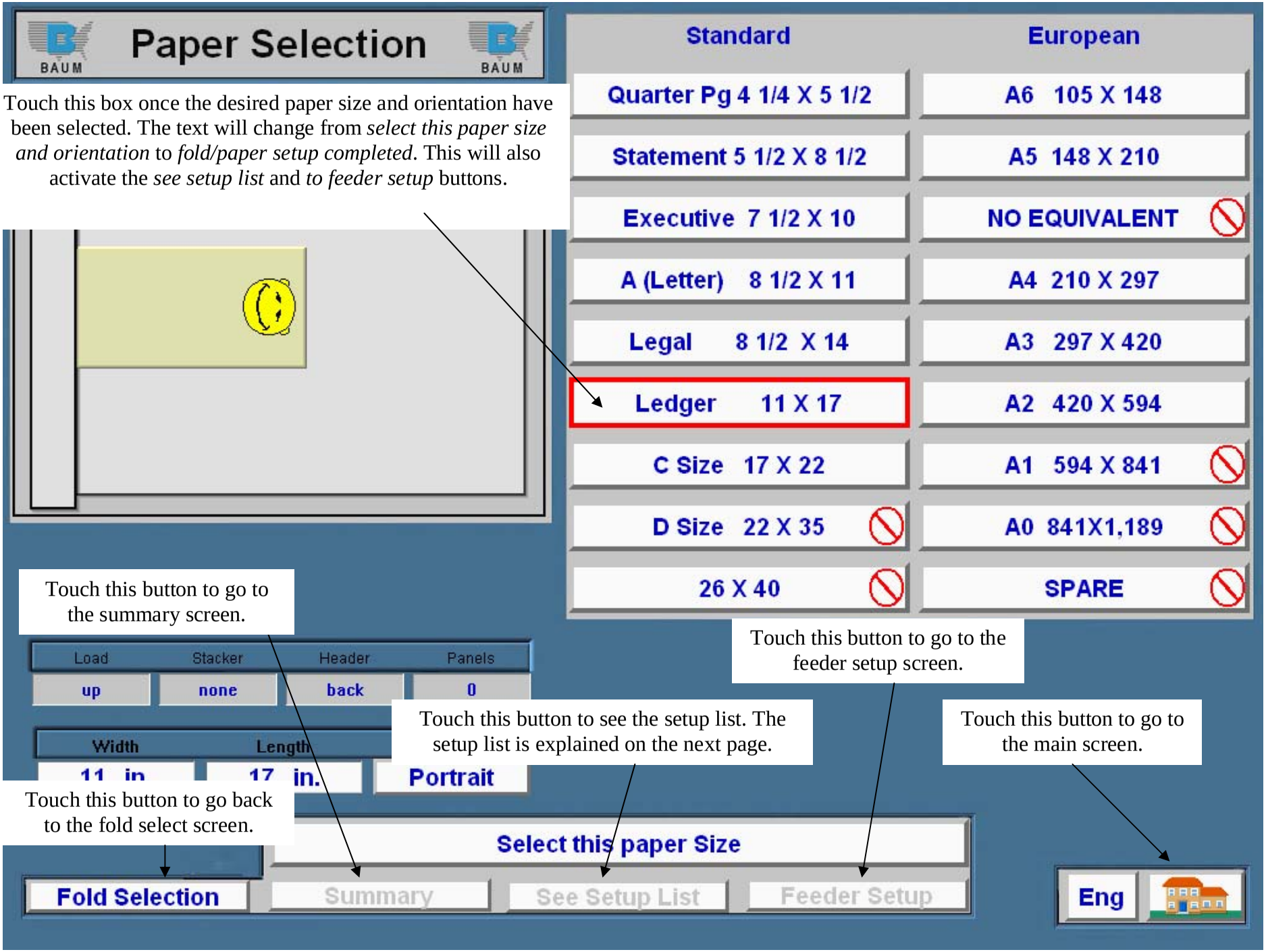
This box show the available folds. Touch a button to see the fold in the box on the left. Touch the ► Arrow at the bottom of the page to see the next pages. Press the ◄ to come back to this page. A ⃠ on the button indicates the fold is not possible with you current configuration.

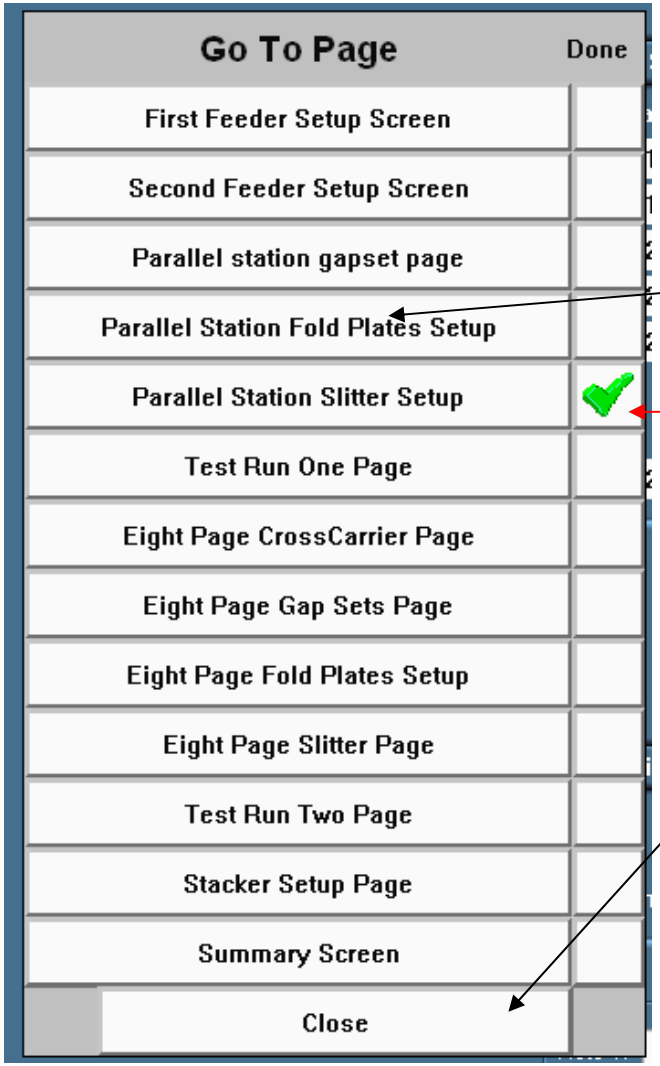


Paper orientation shows how to load the paper and how the address or label will come out on the stacker. Example: Load the address or label down and forward (toward the sucker wheel) and the label will come out face up on the stacker. Panels indicates the number of panels in a roll or accordion fold. If the stacker display shows none, the output on the stacker is difficult to determine for the selected fold.

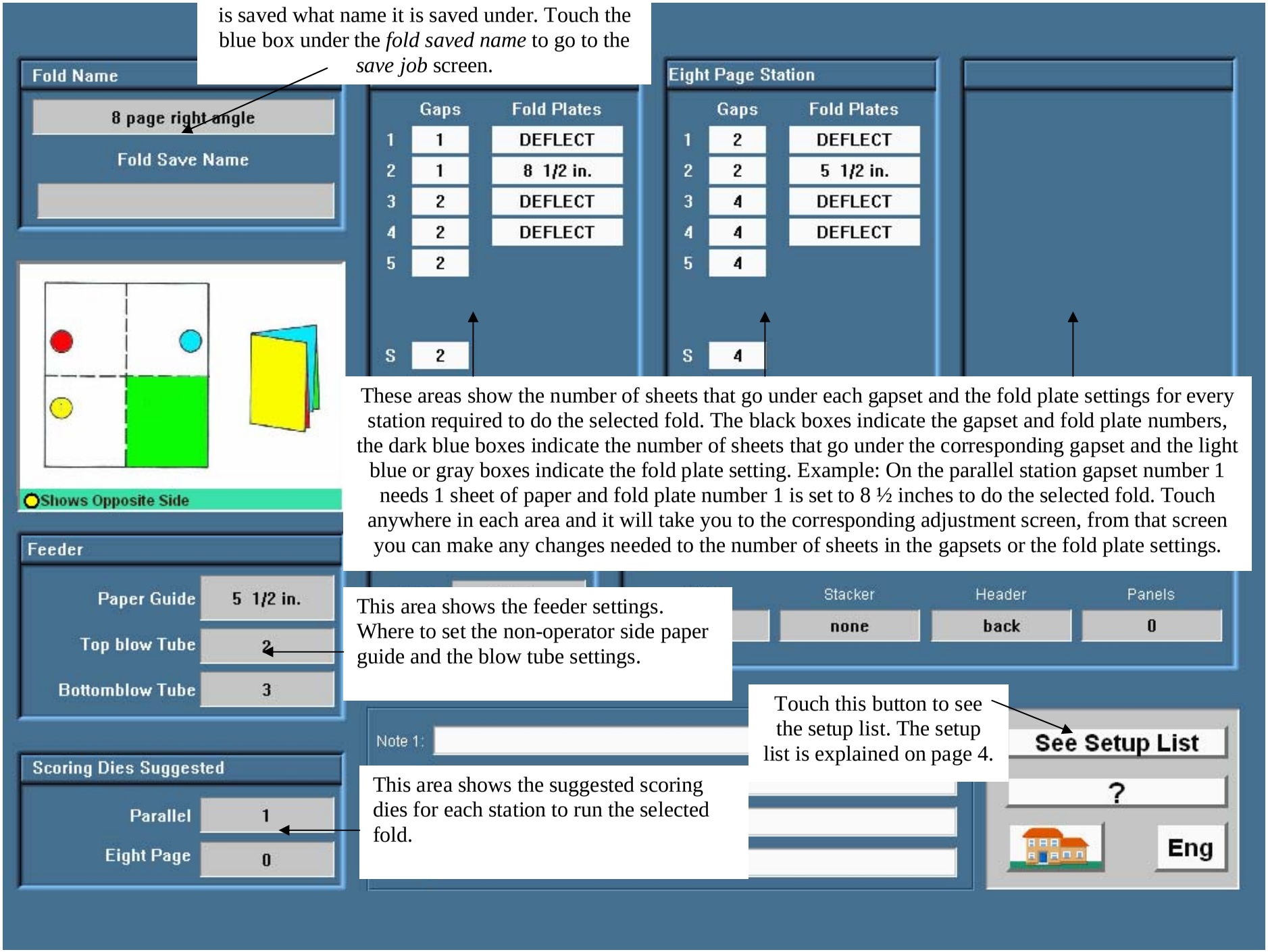
Press here to select the fold displayed in the box to the left.

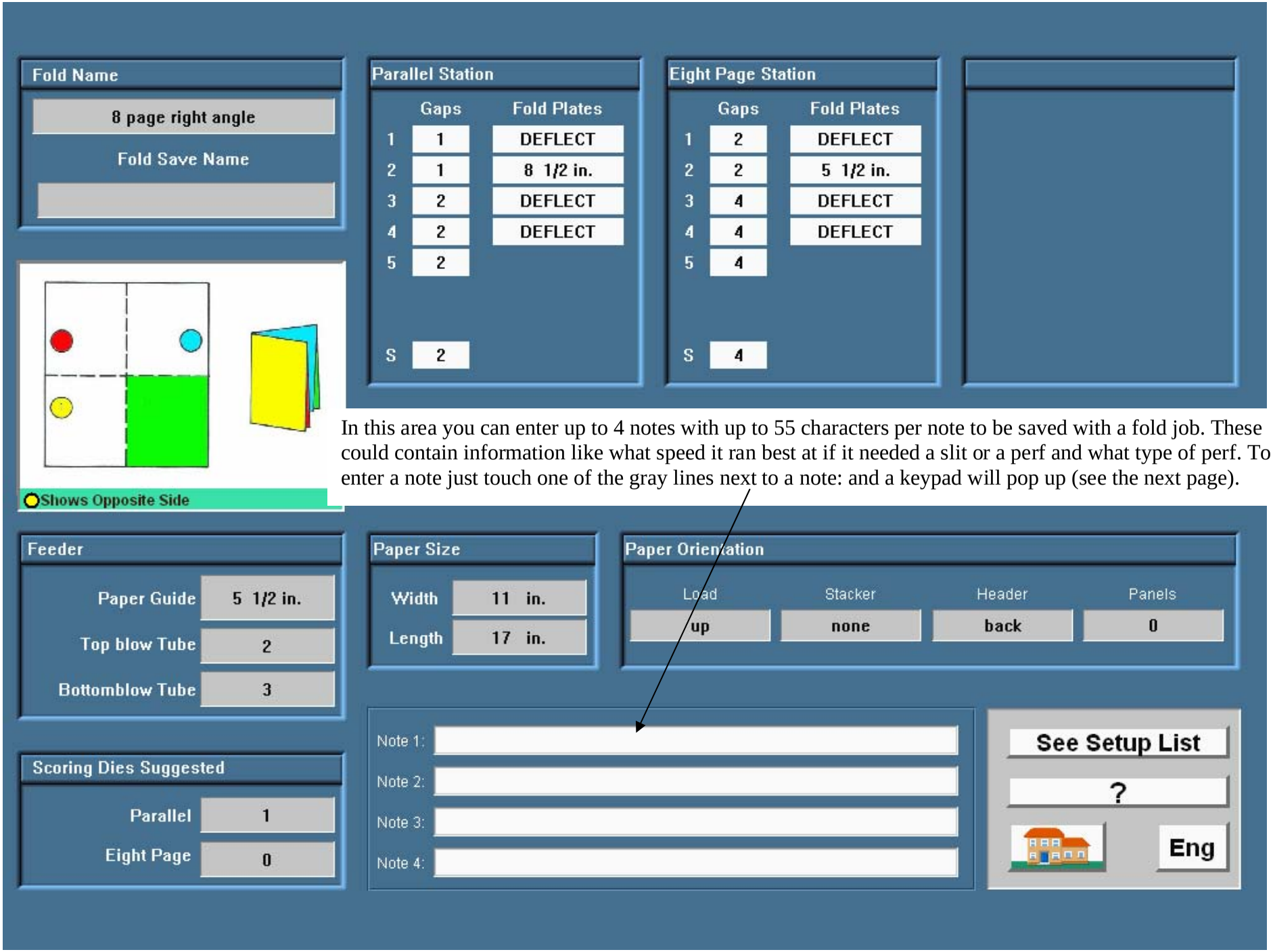

This box shows how the paper is loaded (label or address face down and forward). You can change this from portrait (shown) to Landscape and back by touching the orientation button.
Touch one of these boxes to select a paper size.
A on the button indicates that paper size will not run on your machine
Quarter Pg 4 1/4 X 5 1/2
A6 105 X 148
Statement 5 1/2 X 8 1/2
A5 148 X 210
Executive 7 1/2 X 10
NO EQUIVALENT
A (Letter) 8 1/2 X 11
A4 210 X 297
Legal 8 1/2 X 14
A3 297 X 420
Ledger 11 X 17
A2 420 X 594
C Size 17 X 22
A1 594 X 841
D Size 22 X 35
A0 841X1,189
26 X 40
SPARE
Load
Stacker
Header
Panels
up
none
back
0
Width
Length
Orientation
11 in.
17 in.
Portrait
Touch this box to change from inch to metric
Select this paper Size
Feeder Setup
Eng
Touch these boxes to enter a custom paper size. When you touch a box a keypad will pop up. Using the keypad enter the paper custom paper size. Do this for both the width and length.


Paper Selection
BAUM
BAUM
Touch this box once the desired paper size and orientation have been selected. The text will change from *select this paper size and orientation* to *fold/paper setup completed*. This will also activate the *see setup list* and *to feeder setup* buttons.
Standard
European
Quarter Pg 4 1/4 X 5 1/2
A6 105 X 148
Statement 5 1/2 X 8 1/2
A5 148 X 210
Executive 7 1/2 X 10
NO EQUIVALENT
A (Letter) 8 1/2 X 11
A4 210 X 297
Legal 8 1/2 X 14
A3 297 X 420
Ledger 11 X 17
A2 420 X 594
C Size 17 X 22
A1 594 X 841
D Size 22 X 35
A0 841X1,189
26 X 40
SPARE
Touch this button to go to the summary screen.
Load
Stacker
Header
Panels
up
none
back
0
Width
Length
11 in
17 in.
Portrait
Touch this button to see the setup list. The setup list is explained on the next page.
Touch this button to go to the feeder setup screen.
Touch this button to go to the main screen.
Touch this button to go back to the fold select screen.
Select this paper Size
Fold Selection
Summary
See Setup List
Feeder Setup
Eng

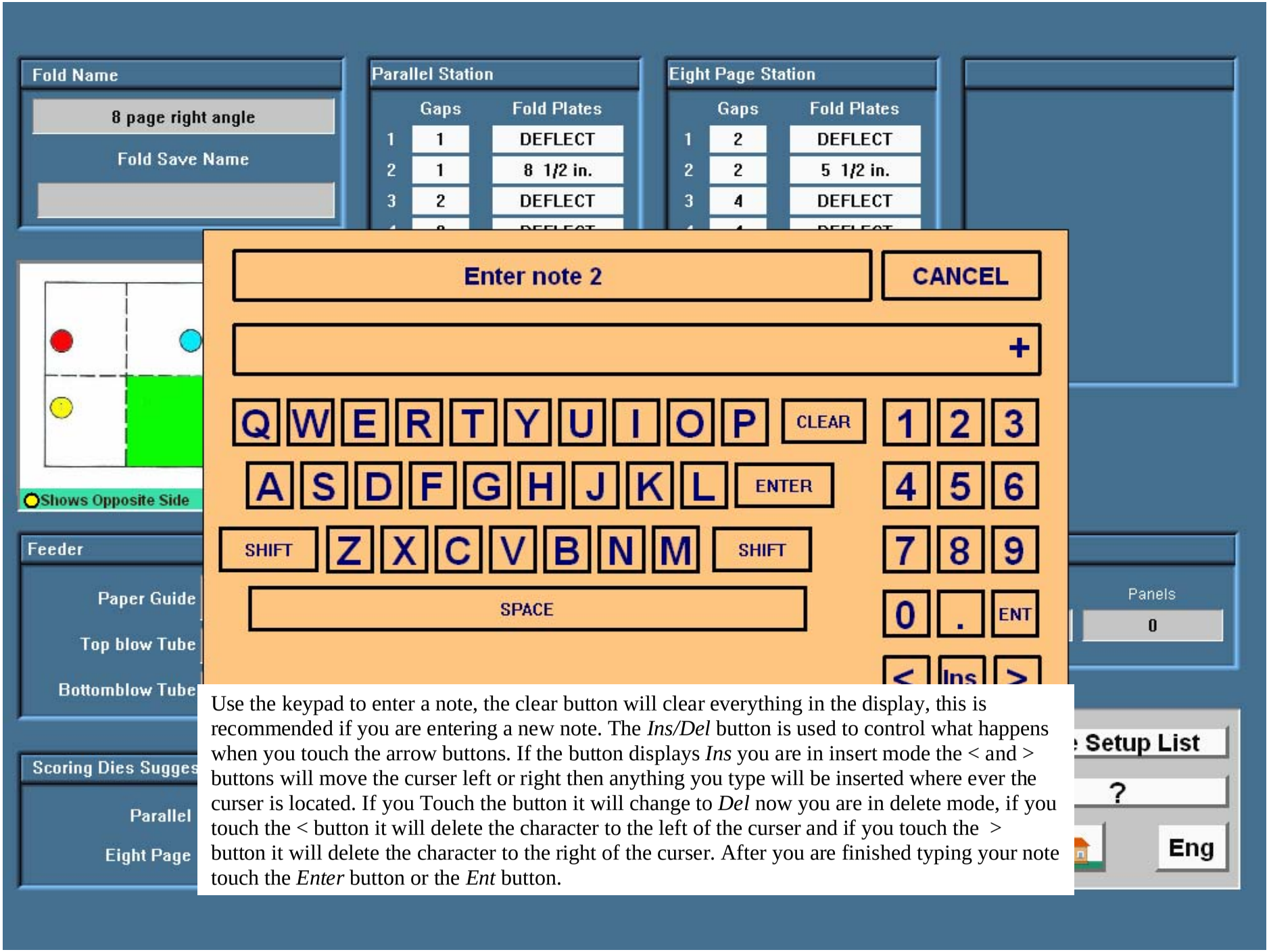


This will come up on the left of any setup screen when the *see setup list* button is touched. This list shows all of the setup screens needed for the selected fold. You can go to any screen on the list just by touching the corresponding button. The *done* button shows a green checkmark when the page is completed and the *press when setup complete* button has been touched. This can help you keep track of where you are in the setup of the job. You can also set the *done* button to a green checkmark by touching it when this list is up. To close the setup task list without going to a different page just touch the *close* button.

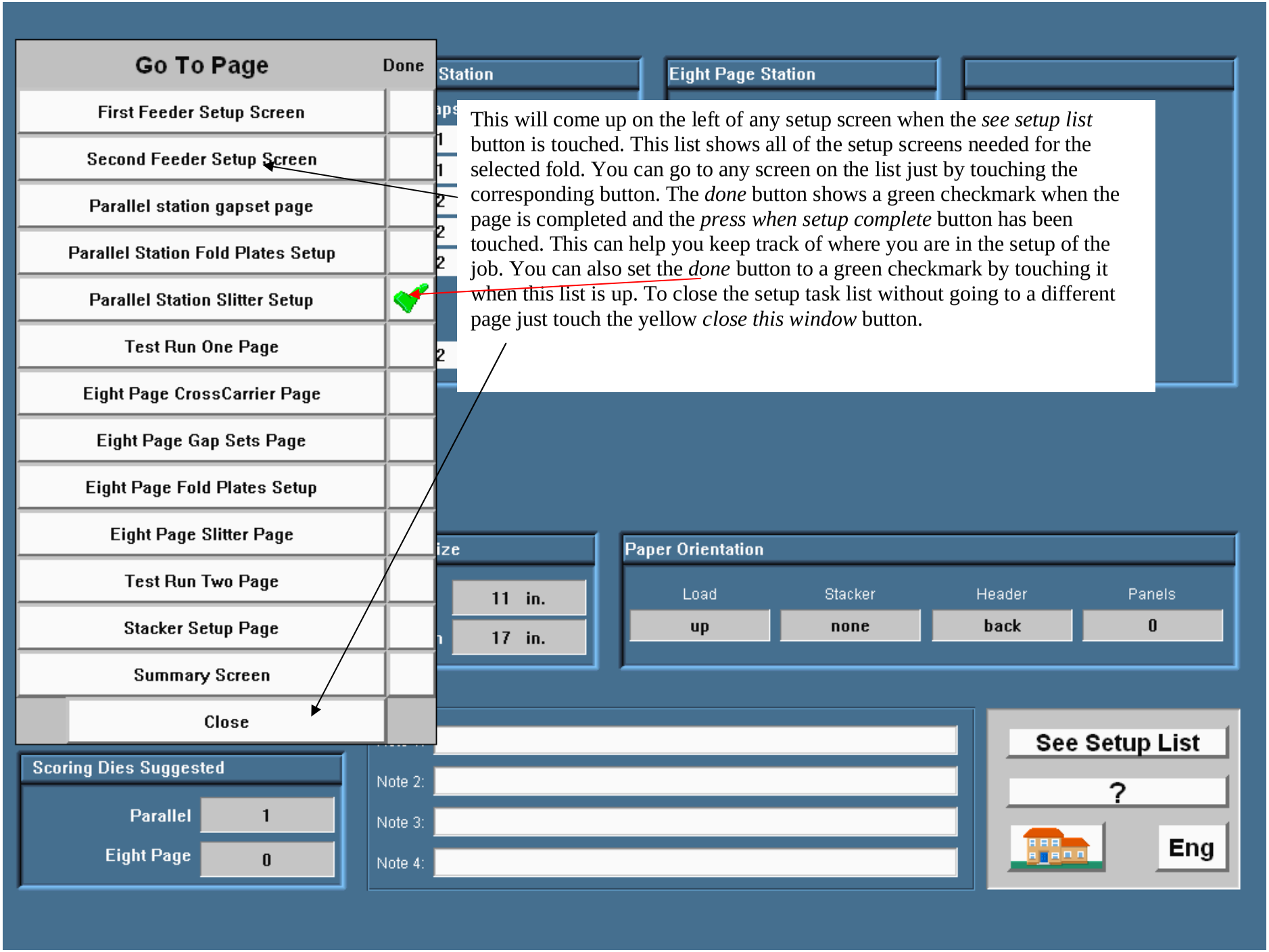

This area shows the current fold selected and if it is saved what name it is saved under. Touch the blue box under the *fold saved name* to go to the *save job* screen.
Fold Name
8 page right angle
Fold Save Name
Gaps
Fold Plates
1 1 DEFLECT
2 1 8 1/2 in.
3 2 DEFLECT
4 2 DEFLECT
5 2
S 2
Eight Page Station
Gaps
Fold Plates
1 2 DEFLECT
2 2 5 1/2 in.
3 4 DEFLECT
4 4 DEFLECT
5 4
S 4
Shows Opposite Side
These areas show the number of sheets that go under each gapset and the fold plate settings for every station required to do the selected fold. The black boxes indicate the gapset and fold plate numbers, the dark blue boxes indicate the number of sheets that go under the corresponding gapset and the light blue or gray boxes indicate the fold plate setting. Example: On the parallel station gapset number 1 needs 1 sheet of paper and fold plate number 1 is set to 8 ½ inches to do the selected fold. Touch anywhere in each area and it will take you to the corresponding adjustment screen, from that screen you can make any changes needed to the number of sheets in the gapsets or the fold plate settings.
Feeder
Paper Guide 5 1/2 in.
Top blow Tube 2
Bottomblow Tube 3
This area shows the feeder settings. Where to set the non-operator side paper guide and the blow tube settings.
Stacker
Header
Panels
none
back
0
Note 1:
Touch this button to see the setup list. The setup list is explained on page 4.
See Setup List
?
Eng
Scoring Dies Suggested
Parallel 1
Eight Page 0
This area shows the suggested scoring dies for each station to run the selected fold.

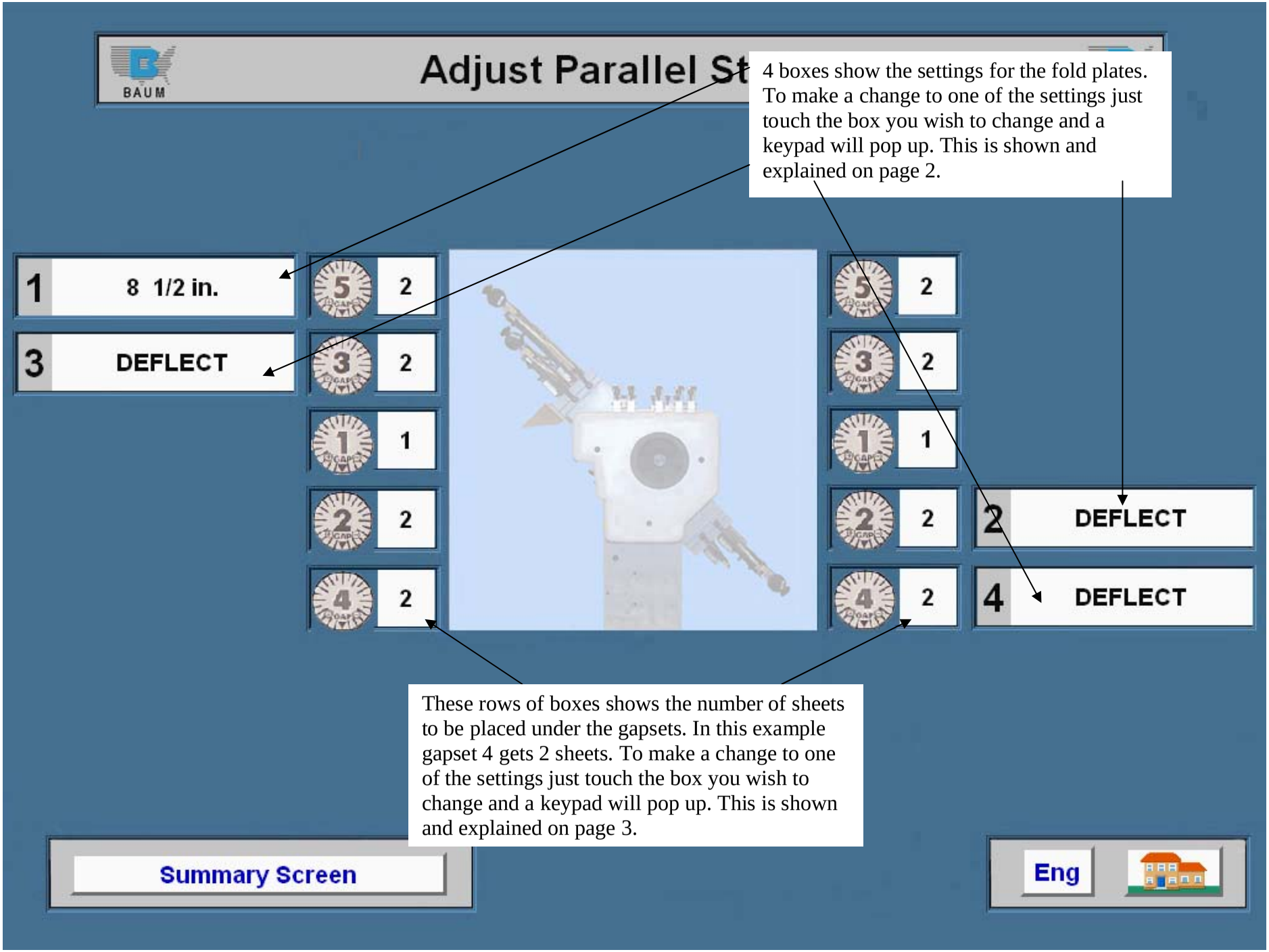


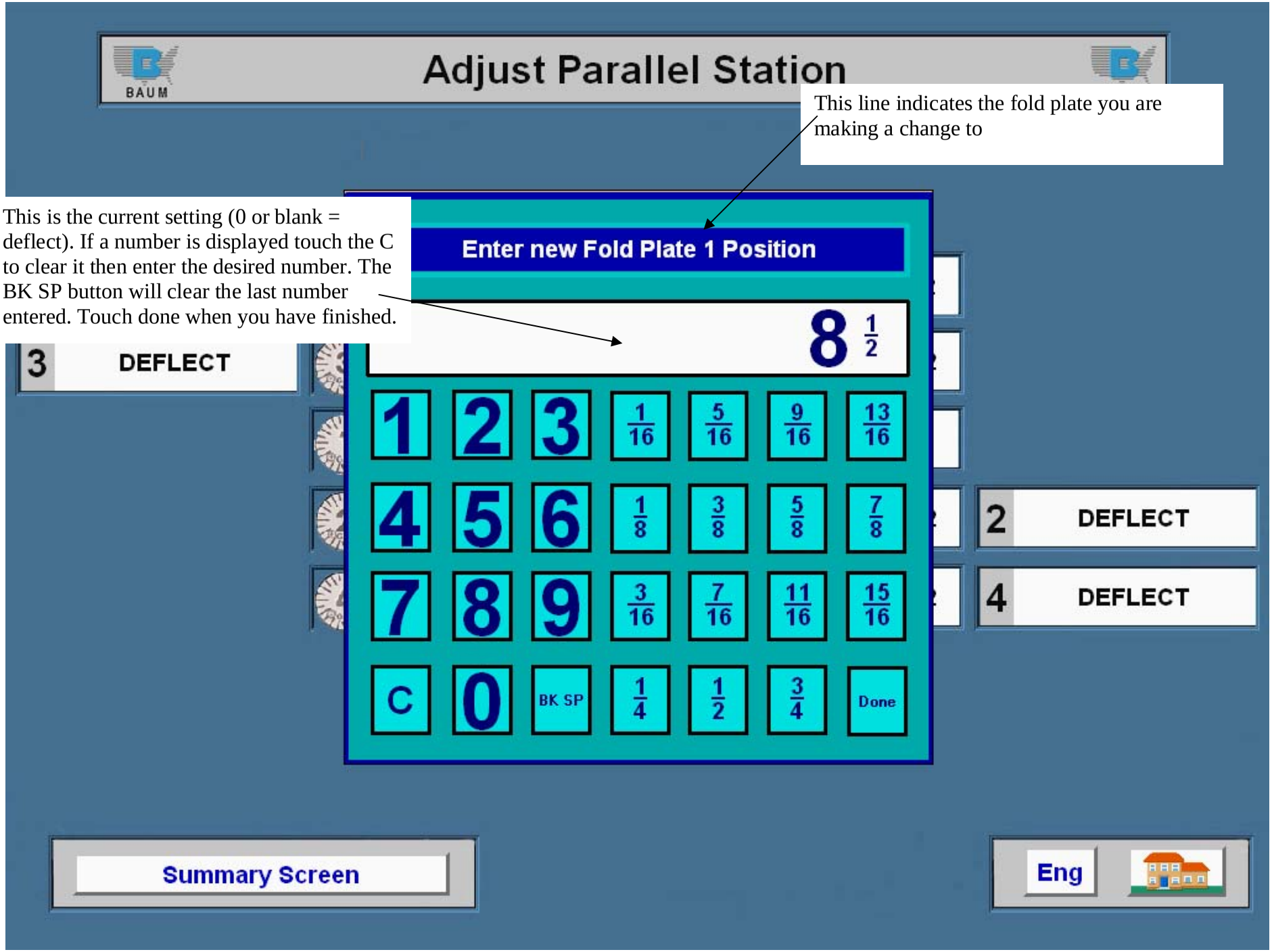
In this area you can enter up to 4 notes with up to 55 characters per note to be saved with a fold job. These could contain information like what speed it ran best at if it needed a slit or a perf and what type of perf. To enter a note just touch one of the gray lines next to a note: and a keypad will pop up (see the next page).

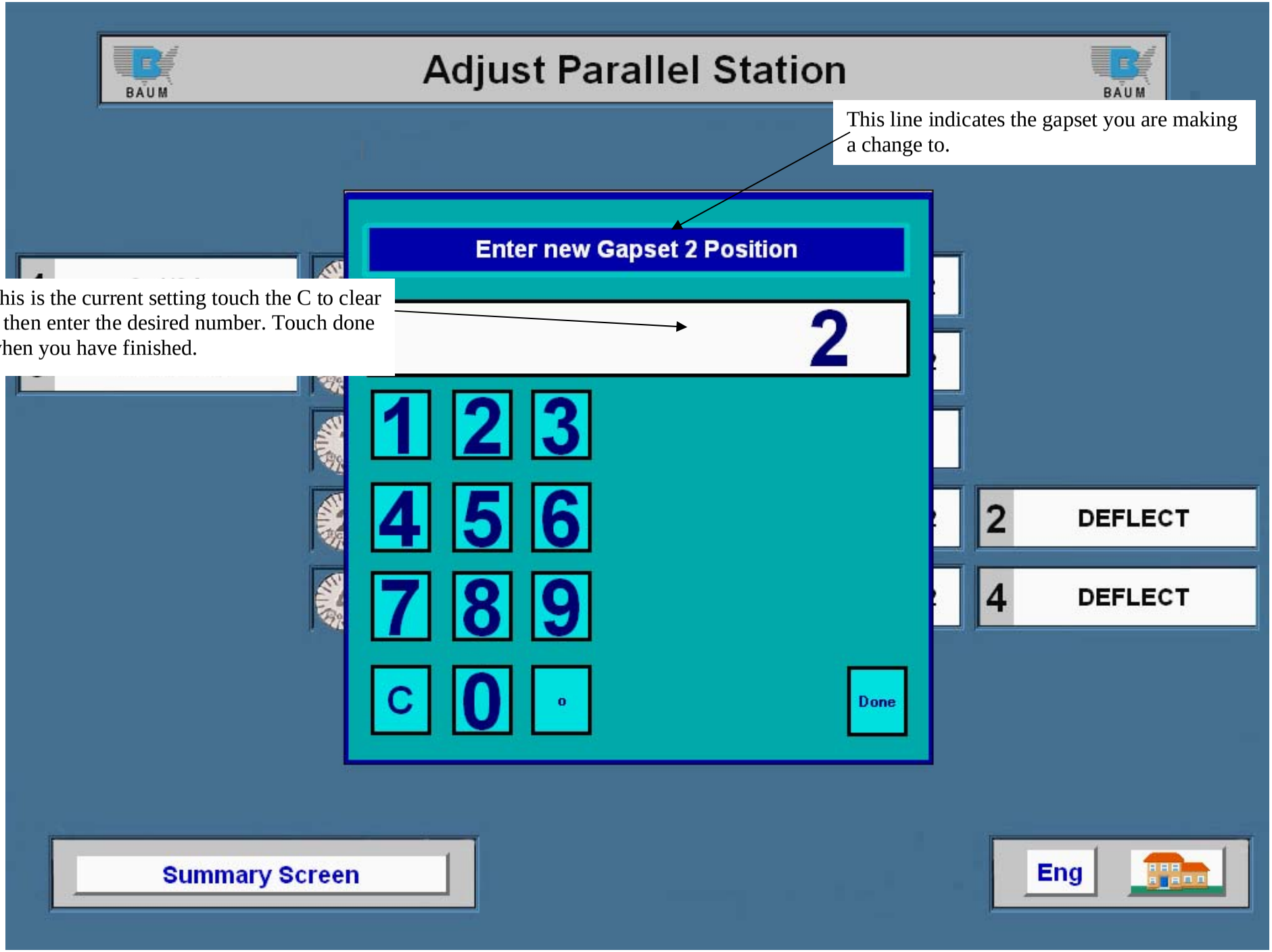


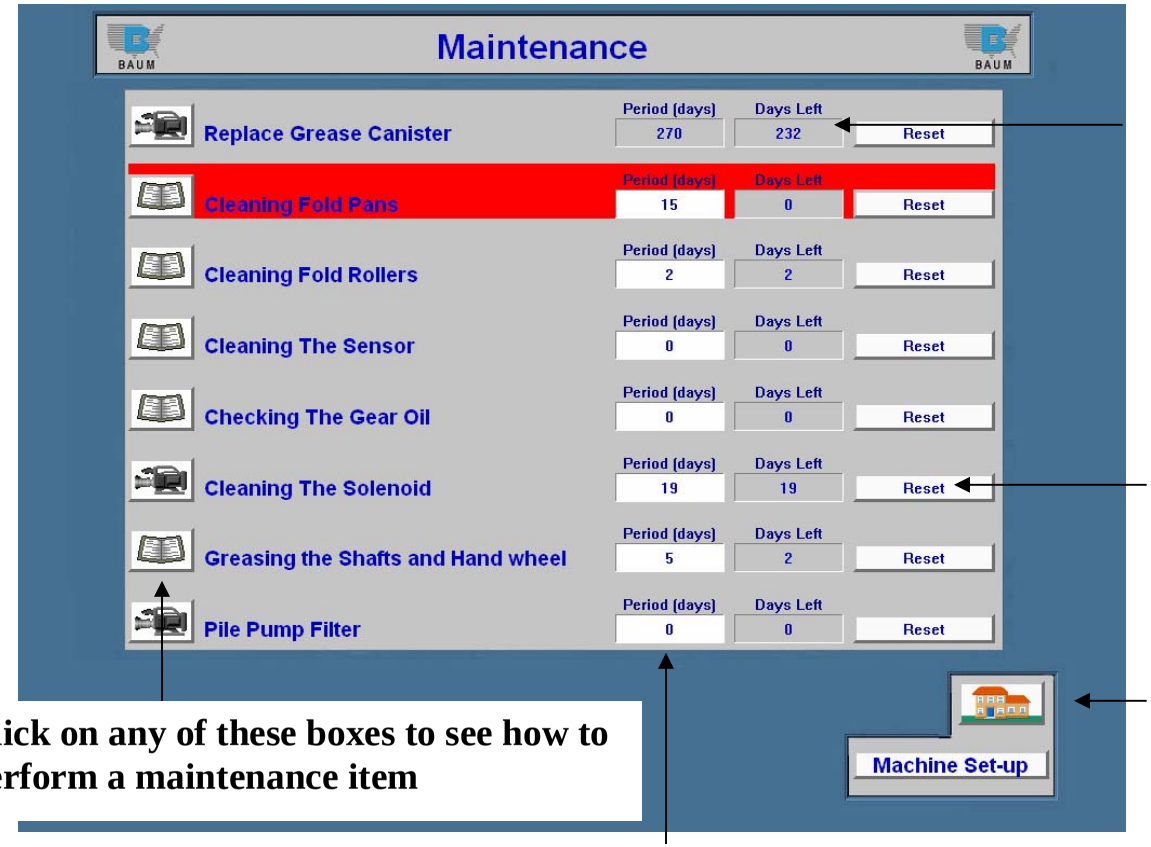
Use the keypad to enter a note, the clear button will clear everything in the display, this is recommended if you are entering a new note. The *Ins/Del* button is used to control what happens when you touch the arrow buttons. If the button displays *Ins* you are in insert mode the < and > buttons will move the curser left or right then anything you type will be inserted where ever the curser is located. If you Touch the button it will change to *Del* now you are in delete mode, if you touch the < button it will delete the character to the left of the curser and if you touch the > button it will delete the character to the right of the curser. After you are finished typing your note touch the *Enter* button or the *Ent* button.


Go To Page
Done
First Feeder Setup Screen
Second Feeder Setup Screen
Parallel station gapset page
Parallel Station Fold Plates Setup
Parallel Station Slitter Setup
Test Run One Page
Eight Page CrossCarrier Page
Eight Page Gap Sets Page
Eight Page Fold Plates Setup
Eight Page Slitter Page
Test Run Two Page
Stacker Setup Page
Summary Screen
Close
Station
Eight Page Station
This will come up on the left of any setup screen when the see setup list button is touched. This list shows all of the setup screens needed for the selected fold. You can go to any screen on the list just by touching the corresponding button. The done button shows a green checkmark when the page is completed and the press when setup complete button has been touched. This can help you keep track of where you are in the setup of the job. You can also set the done button to a green checkmark by touching it when this list is up. To close the setup task list without going to a different page just touch the yellow close this window button.
11 in.
17 in.
Paper Orientation
Load
Stacker
Header
Panels
up
none
back
0
Scoring Dies Suggested
Parallel
1
Eight Page
0
Note 2:
Note 3:
Note 4:
See Setup List
?
Eng


Adjust Parallel St
BAUM
4 boxes show the settings for the fold plates. To make a change to one of the settings just touch the box you wish to change and a keypad will pop up. This is shown and explained on page 2.
1 8 1/2 in.
3 DEFLECT
2 DEFLECT
4 DEFLECT
5 2
3 2
1 1
2 2
4 2
These rows of boxes shows the number of sheets to be placed under the gapsets. In this example gapset 4 gets 2 sheets. To make a change to one of the settings just touch the box you wish to change and a keypad will pop up. This is shown and explained on page 3.
Summary Screen
Eng


Adjust Parallel Station
BAUM
This line indicates the fold plate you are making a change to
This is the current setting (0 or blank = deflect). If a number is displayed touch the C to clear it then enter the desired number. The BK SP button will clear the last number entered. Touch done when you have finished.
Enter new Fold Plate 1 Position
8 1/2
1 2 3 1/16 5/16 9/16 13/16
4 5 6 1/8 3/8 5/8 7/8
7 8 9 3/16 7/16 11/16 15/16
C 0 BK SP 1/4 1/2 3/4 Done
3 DEFLECT
2 DEFLECT
4 DEFLECT
Summary Screen
Eng


Adjust Parallel Station
BAUM
BAUM
This line indicates the gapset you are making a change to.
Enter new Gapset 2 Position
This is the current setting touch the C to clear it then enter the desired number. Touch done when you have finished.
2
1 2 3
4 5 6
7 8 9
C 0 .
Done
2 DEFLECT
4 DEFLECT
Summary Screen
Eng



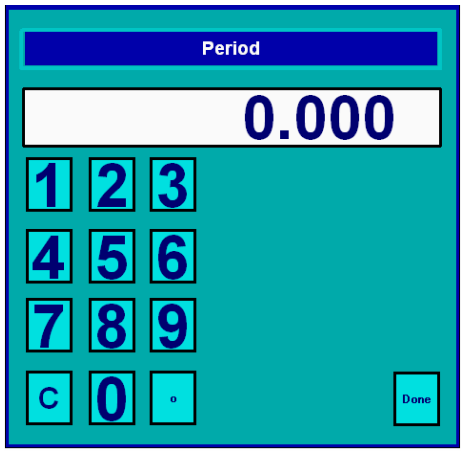
These boxes tell you how many days are left until the maintenance item needs done. The grease canister is fixed all the others can be set as desired.

After the maintenance is preformed touch the box to reset the timer.

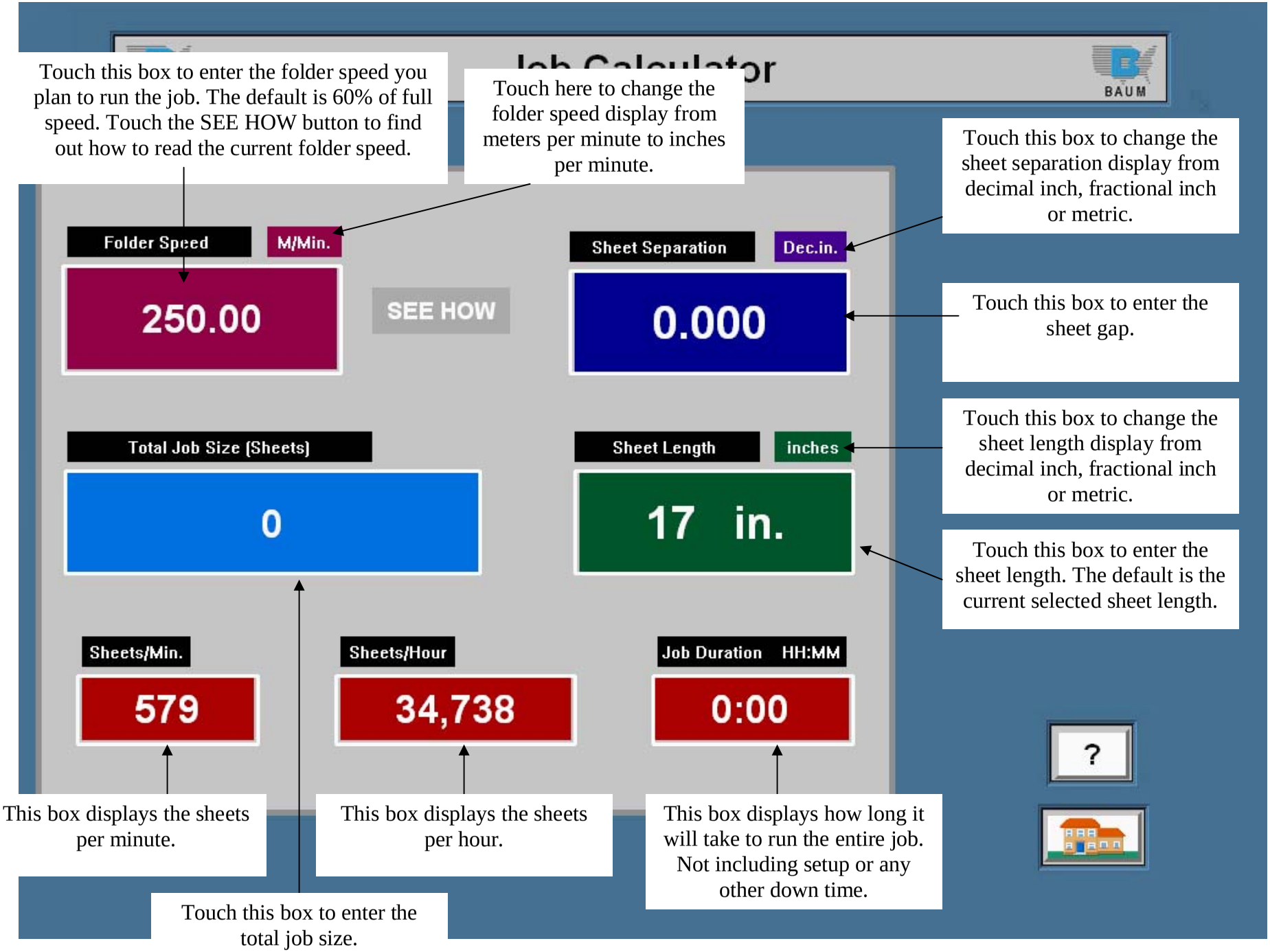
Press this to return to the main screen

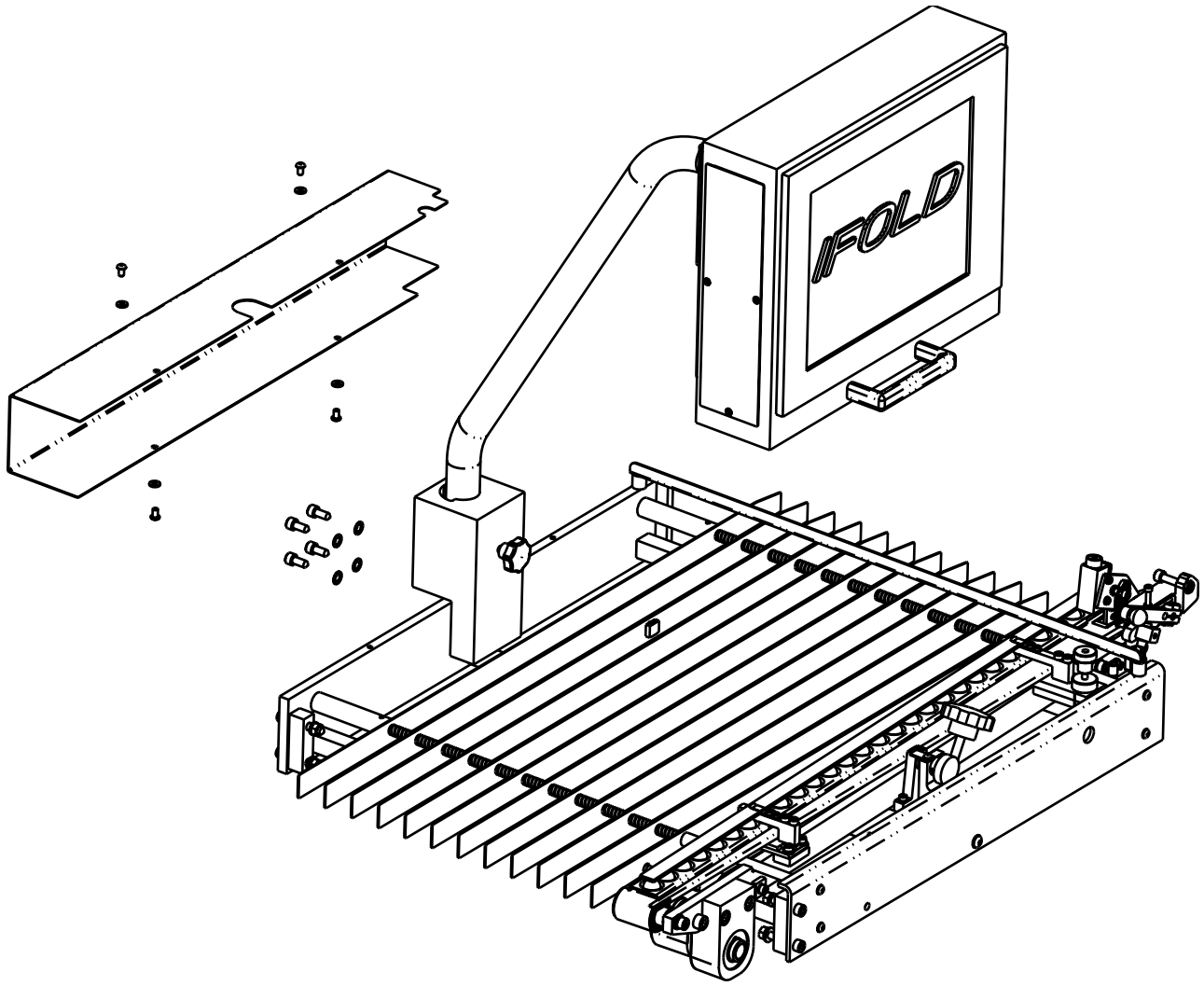
Click on any of these boxes to see how to perform a maintenance item

Touch one of these boxes to set the timer for the maintenance item to the right of that box. When you touch the box a keypad will pop up.

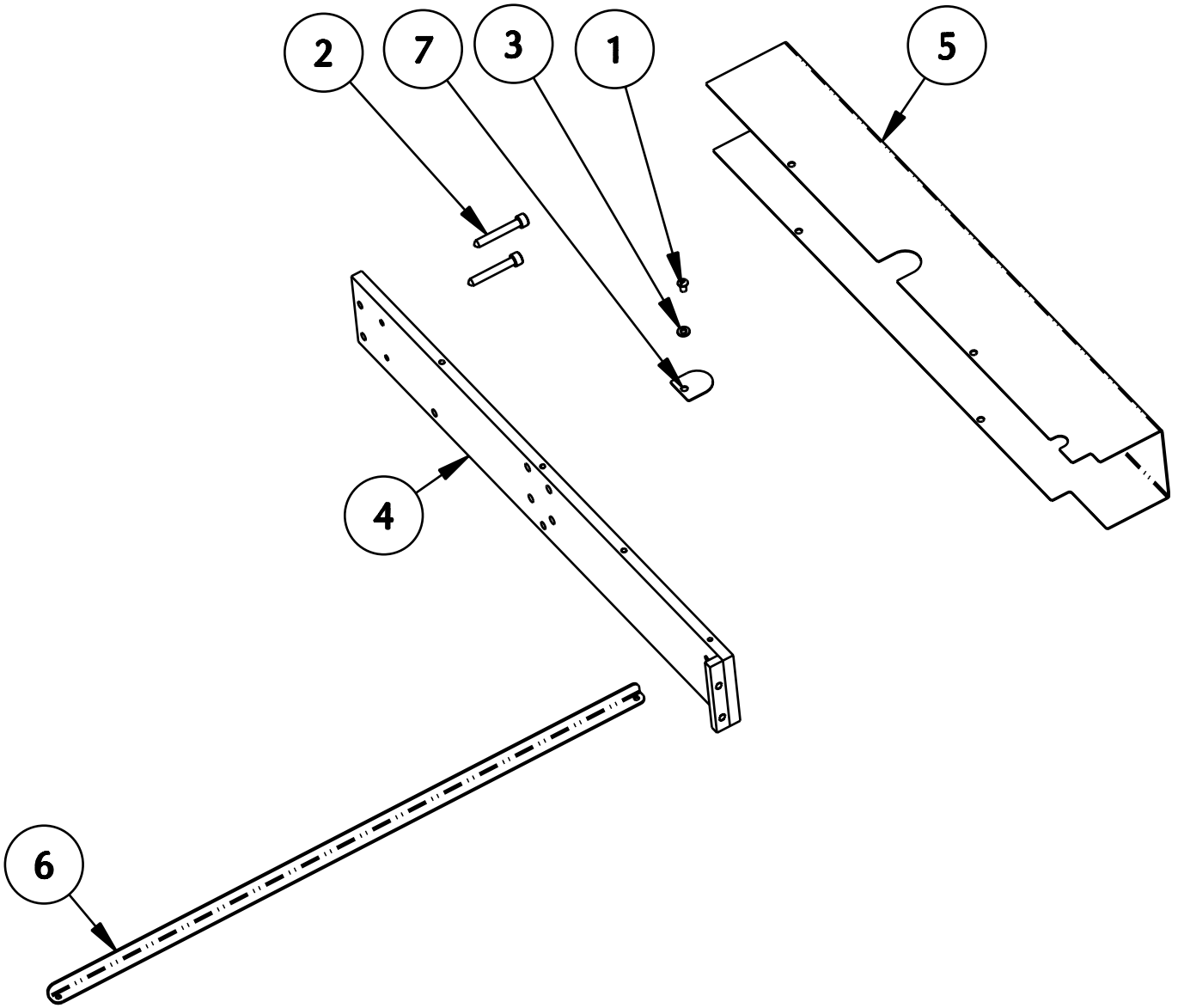


Use the numbers to enter the time interval for the selected maintenance item then press done. Enter zero to turn off the selected timer.


Job Calculator
BAUM
Folder Speed
M/Min.
250.00
SEE HOW
Sheet Separation
Dec.in.
0.000
Total Job Size (Sheets)
0
Sheet Length
inches
17 in.
Sheets/Min.
579
Sheets/Hour
34,738
Job Duration HH:MM
0:00
?
Touch this box to enter the folder speed you plan to run the job. The default is 60% of full speed. Touch the SEE HOW button to find out how to read the current folder speed.
Touch here to change the folder speed display from meters per minute to inches per minute.
Touch this box to change the sheet separation display from decimal inch, fractional inch or metric.
Touch this box to enter the sheet gap.
Touch this box to change the sheet length display from decimal inch, fractional inch or metric.
Touch this box to enter the sheet length. The default is the current selected sheet length.
This box displays the sheets per minute.
This box displays the sheets per hour.
This box displays how long it will take to run the entire job. Not including setup or any other down time.
Touch this box to enter the total job size.



BAUMFOLDER CORPORATION	DESCRIPTION: IFOLD DISPLAY MOUNTING LOCATION	ASSEMBLY NUMBER:	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 1



BAUMFOLDER CORPORATION	DESCRIPTION: IFOLD DISPLAY ADAPTOR KIT	ASSEMBLY NUMBER: FK2001484	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 2

FK2001484			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	SCREW-BUT HD CAP M6X10 BLK	261-053-02-00	1
2	SCREW-SOC HD CAP M8X55 BLK	262-492-13-00	2
3	WASHER-PL. M6 6.4X12.5X1.6 BLK	262-709-04-00	1
4	FRAME-REGISTER,R.H.	FK0001522	1
5	GUARD- REGISTER, 1320 FOLDER	FK0001551	1
6	SUPPORT-HOLDDOWN	FK0001552	1
7	1-FOLD GUARD PLUG	FK0001558	1

BAUMFOLDER CORPORATION

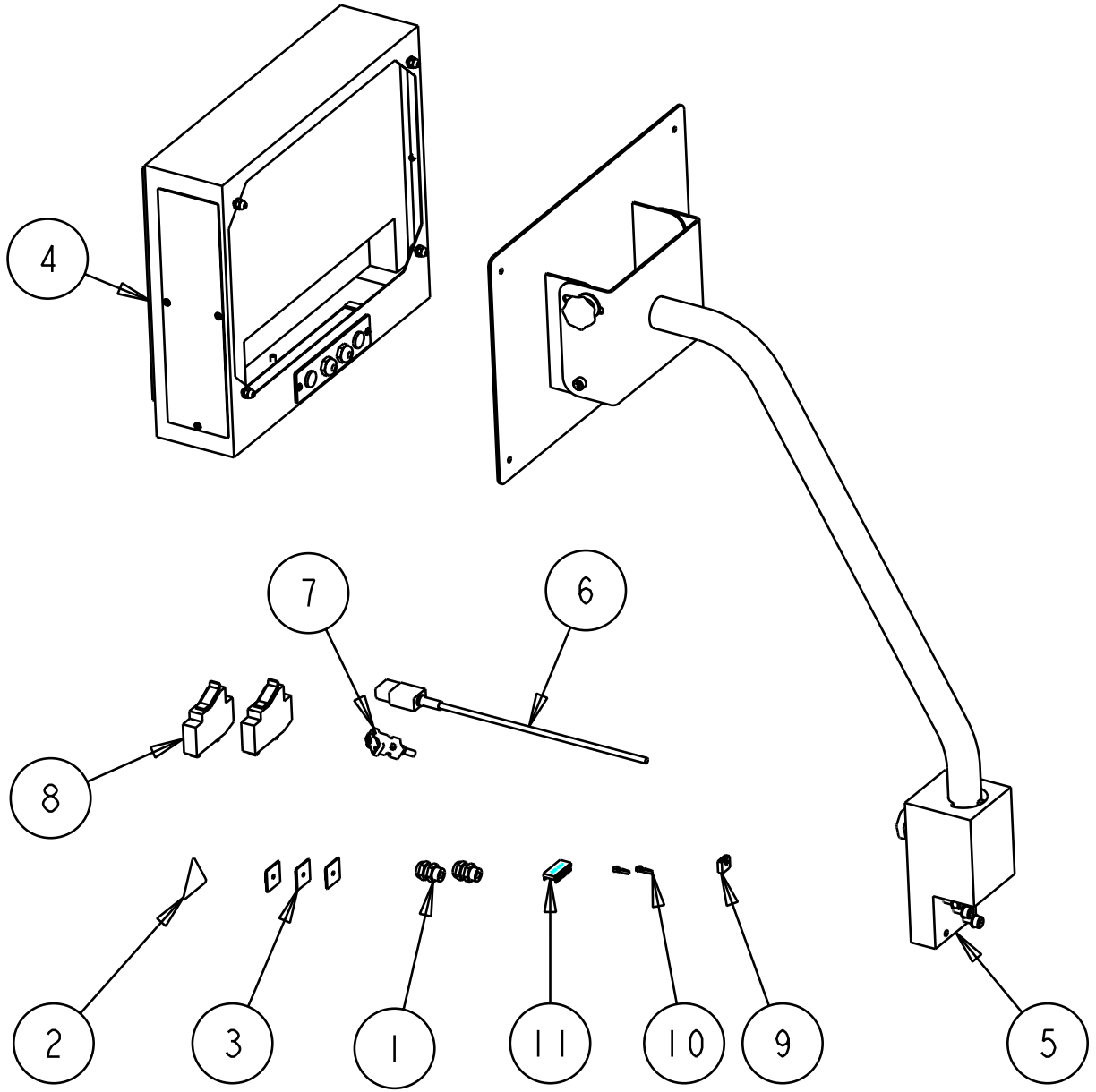
DESCRIPTION: IFOLD DISPLAY ADAPTOR KIT

UNIT NAME: IFOLD DISPLAY

ASSEMBLY NUMBER: FK2001484

REV:

SHEET 2 OF 2



BAUMFOLDER CORPORATION	DESCRIPTION: IFOLD DISPLAY MOUNT	ASSEMBLY NUMBER: FK2001485	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 2

FK2001485			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	CORDGRIP.187-.300ID PG9	260-659-01-00	2
2	LABEL- ELECTRICAL SYMBOL	265-159-01-00	1
3	HOLDER, WIRE TIE	24322	3
4	I-FOLD LCD ENCLOSUREI320 PILE	FK2001370	1
5	I-FOLD DISPLAY MOUNT	FK2001426	1
6	CABLE ASSY POWER	FK2001500	1
7	CABLE-ASSY COMMUNICATIONS	FK2001501	1
8	HOLDER-DISCONNECT FUSE	FK7000236	2
9	CONNECTOR HOUSING	FK7001078	1
10	ARM-LOCKING 10C CONNECTOR	FK7001079	2
11	CHIP W/SGM2 99C SOFTWARE	FK7600170	1
12 *	PIN-FEMALE	FK7001080	6
13 *	2 POLE TIE KIT	FK7001004	1
14 *	FUSE 0.5A FNM	23084-006	2
15 *	WIRE TIES	22878	10
16 *	WIRE 14 AWG BLACK	21852	2ft.
17 *	FERRULES FOR 14 GA WIRE	260-413-05-00	4
18 *	FERRULES FOR 18 GA WIRE	260-413-03-00	2
19 *	SCHEMATIC - IFOLD	FK7600179	1

* NOT SHOWN

BAUMFOLDER CORPORATION

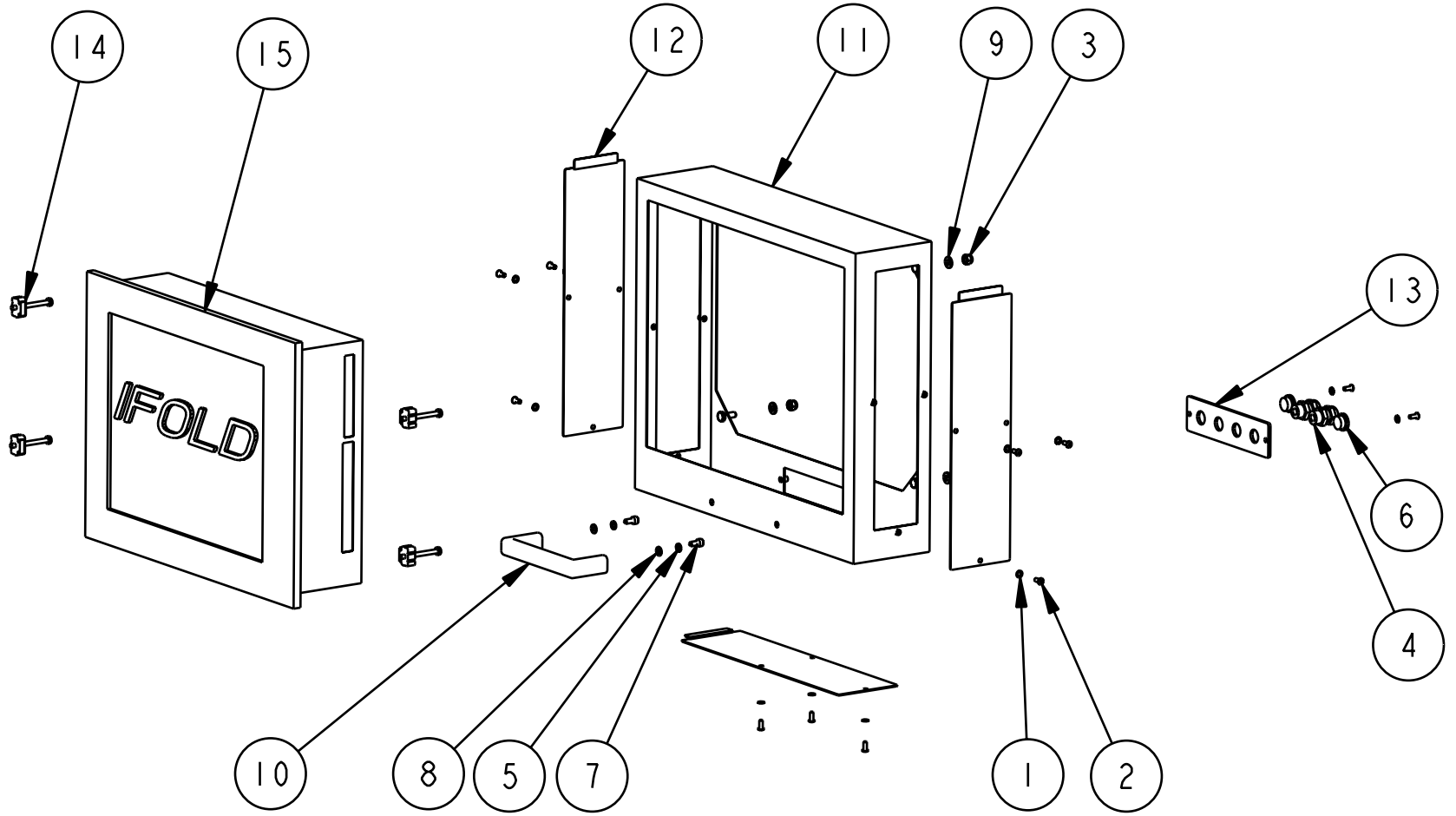
DESCRIPTION: IFOLD DISPLAY MOUNT

UNIT NAME: IFOLD DISPLAY

ASSEMBLY NUMBER: FK2001485

REV:

SHEET 2 OF 2



SCALE 0.150

BAUMFOLDER CORPORATION	DESCRIPTION: DISPLAY-ENCLOSURE	ASSEMBLY NUMBER: FK2001370	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 2

FK2001370			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	WASHER-LOCK M04 INT TOOTH +	260-304-07-00	11
2	SCREW-BUT HD CAP M4X10 BLK	260-307-03-00	11
3	NUT-LOCK,ELASTIC STOP M6 REG	260-309-07-00	4
4	CORDGRIP.187-.300ID PG9	260-659-01-00	2
5	WASHER-LOCK SPLIT M5	261-056-03-00	2
6	PLUG-HOLE, GRAY,PG9	261-846-09-00	2
7	SCREW-SOC HD CAP M5X12 BLK	262-491-04-00	2
8	WASHER-PLAIN M5 5.3X10X1 BLK	262-709-03-00	2
9	WASHER-PL. M6 6.4X12.5X1.6 BLK	262-709-04-00	4
10	HANDLE-PULL	276-671-01-00	1
11	BOX-INTERFACE	FK0001506	1
12	BOTTOM COVER	FK0001508	3
13	COVER- SIDE	FK0001509	1
14	INCLUDED WITH ASSEMBLY FK7001033	FK0001555	4
15	COMPUTER-TOUCH SCREEN	FK7001033	1
12	VTS SOFTWARE	FK0001571	1

BAUMFOLDER CORPORATION

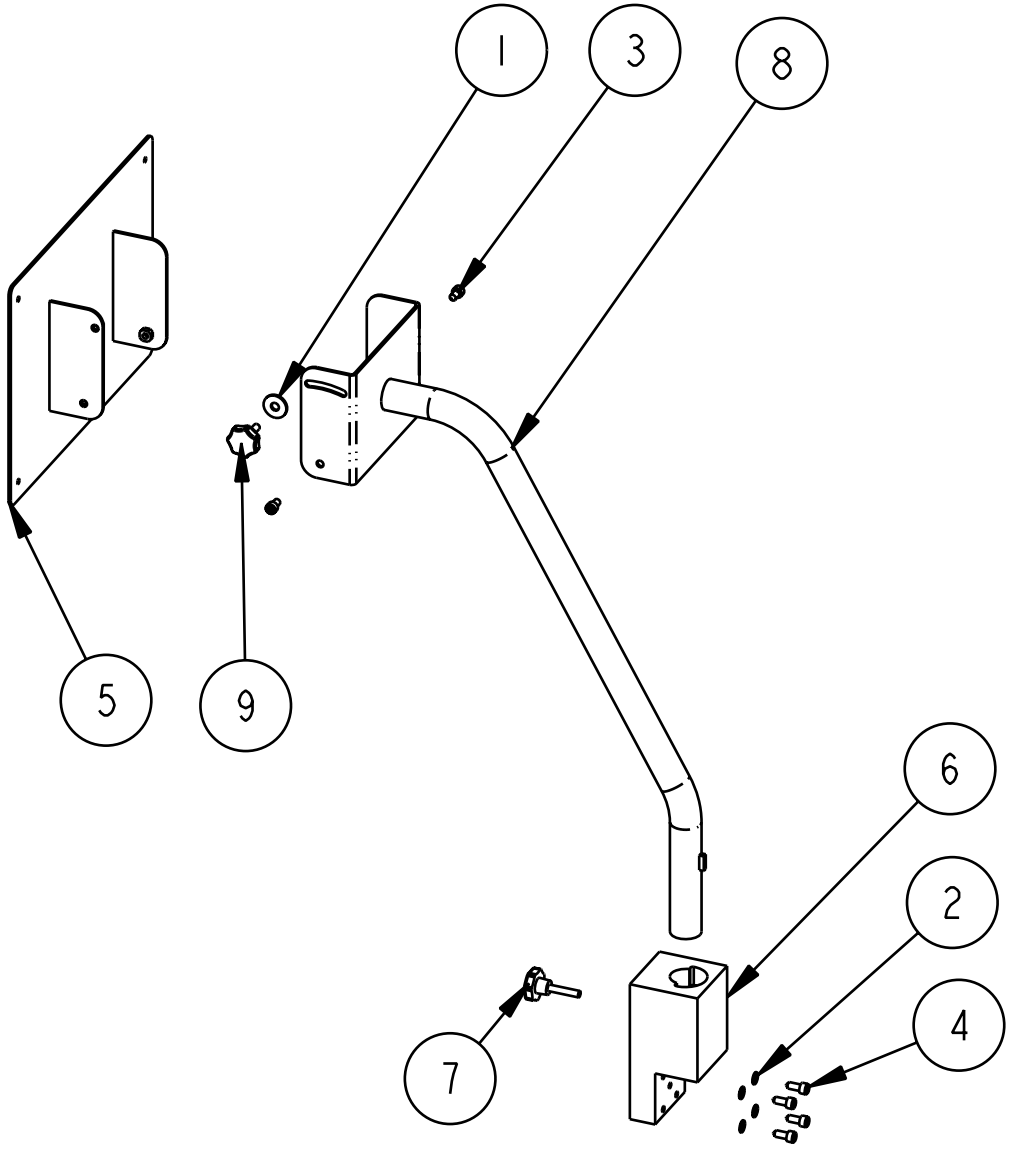
DESCRIPTION: DISPLAY-ENCLOSURE

UNIT NAME: IFOLD DISPLAY

ASSEMBLY NUMBER: FK2001370

REV:

SHEET 2 OF 2



BAUMFOLDER CORPORATION	DESCRIPTION: IFOLD DISPLAY MOUNT	ASSEMBLY NUMBER: FK2001426	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 2

FK2001426			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	WASHER-FENDER M10 10.5X30X2.5	200-155-07-00	1
2	WASHER-LOCK M08 INT TOOTH +	260-304-10-00	4
3	SCREW-SOC HD CAP M8X16 BLK	262-492-03-00	2
4	SCREW-SOC HD CAP M8X25 BLK	262-492-07-00	4
5	I-FOLD DISPLAY MOUNT BRACKET	FK0001523	1
6	I-FOLD SUPPORT BLOCK	FK0001525	1
7	KNOB-HAND	FK0001526	1
8	I-FOLD DISPLAY MOUNT	FK0001557	1
9	KNOB-HAND	FK7000333	1

BAUMFOLDER CORPORATION

DESCRIPTION: IFOLD DISPLAY MOUNT

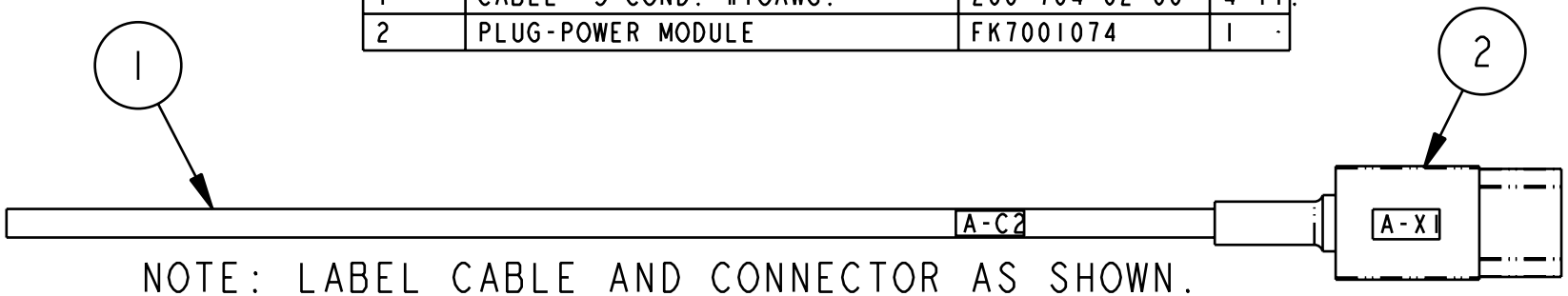
UNIT NAME: IFOLD DISPLAY

ASSEMBLY NUMBER: FK2001426

REV:

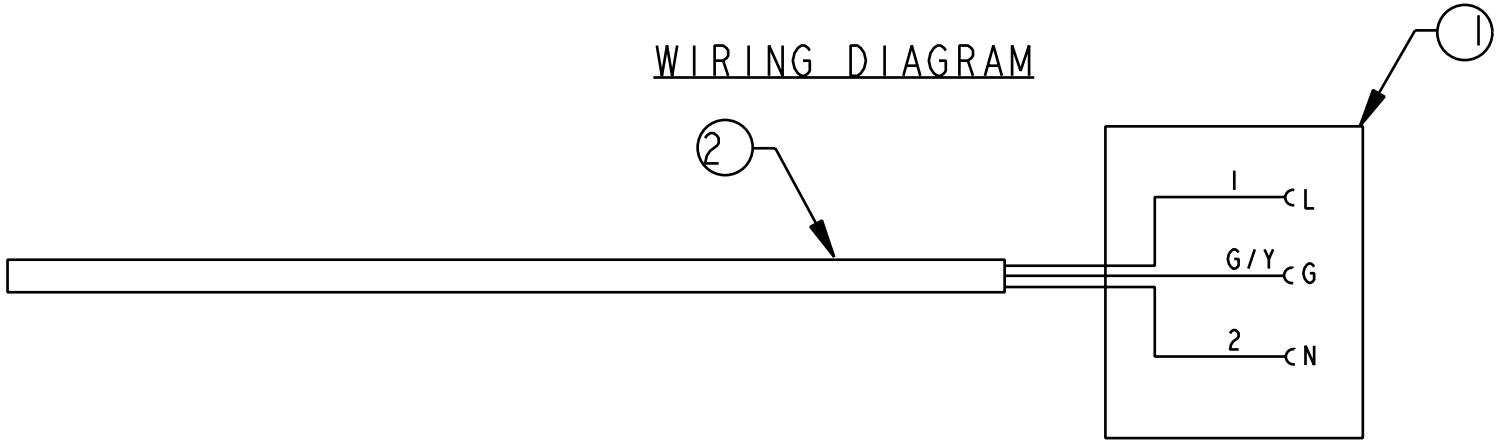
SHEET 2 OF 2

FK2001500			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	CABLE- 3 COND. #18AWG.	260-704-02-00	4 ft.
2	PLUG-POWER MODULE	FK7001074	1



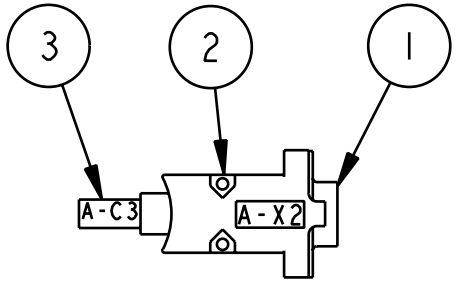
NOTE: LABEL CABLE AND CONNECTOR AS SHOWN.

WIRING DIAGRAM



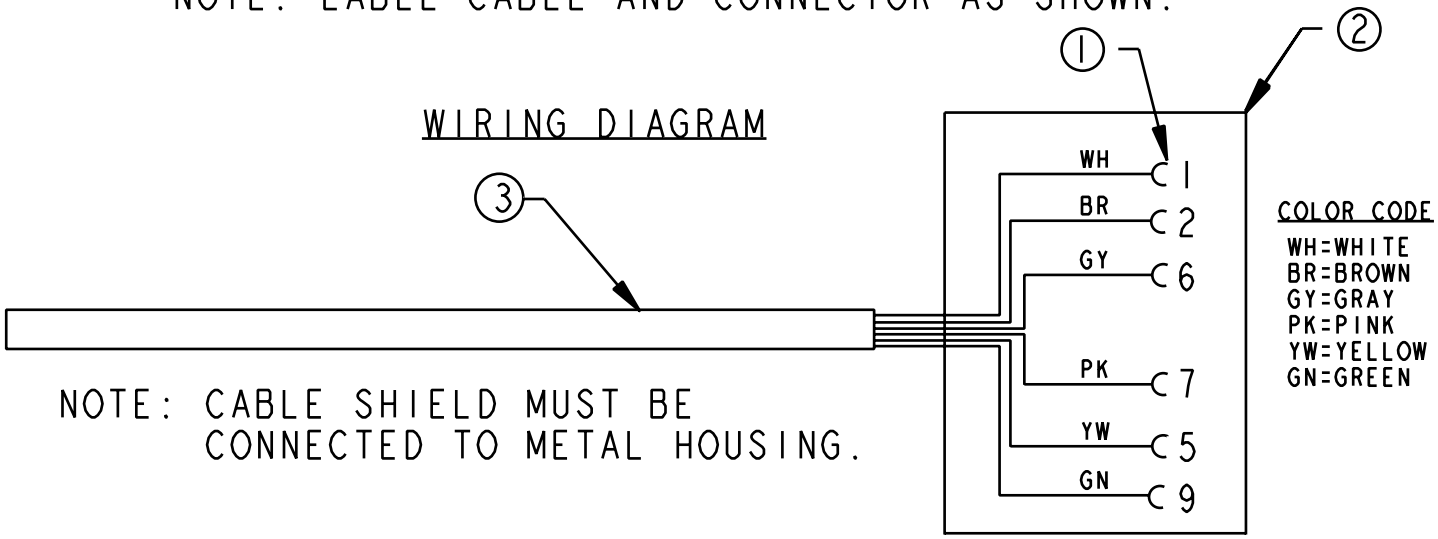
BAUMFOLDER CORPORATION	DESCRIPTION: CABLE ASSY. POWER	ASSEMBLY NUMBER: FK2001500	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 1

FK2001501			
ITEM #	PART DESCRIPTION	PART #	QTY.
1	RECEPTACLE SUB-D 9-PIN CONNECTOR	FK7001075	1
2	HOUSING-CONNECTOR SHIELDED	FK7001076	1
3	CABLE 3 TWISTED PAIR 22 GA	FK7001077	3ft.



NOTE: LABEL CABLE AND CONNECTOR AS SHOWN.

WIRING DIAGRAM



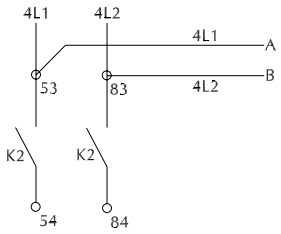
COLOR CODE
WH=WHITE
BR=BROWN
GY=GRAY
PK=PINK
YW=YELLOW
GN=GREEN

NOTE: CABLE SHIELD MUST BE CONNECTED TO METAL HOUSING.

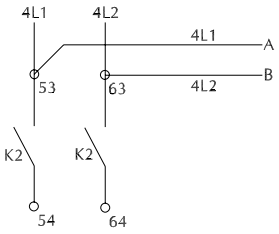
BAUMFOLDER CORPORATION	DESCRIPTION: CABLE ASSY. COMMUNICATIONS	ASSEMBLY NUMBER: FK2001501	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 1

IFOLD CONNECTION - MAIN ELECTRICAL ENCLOSURE

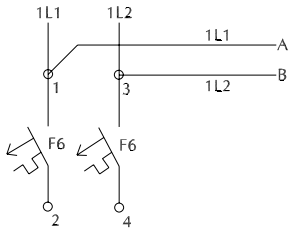
15" & 18" FOLDER

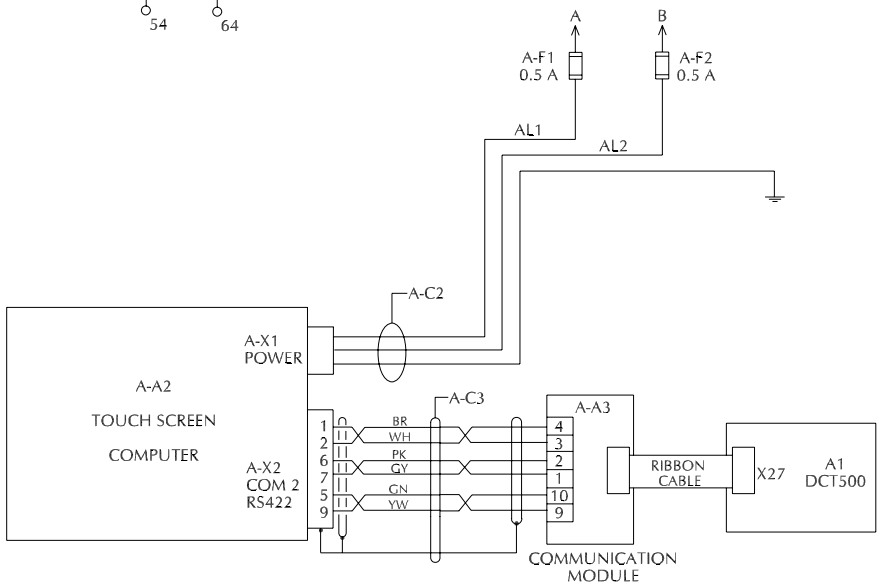


20" FOLDER



26" & 30" FOLDER





BAUMFOLDER CORPORATION	DESCRIPTION: SCHEMATIC-IFOLD	ASSEMBLY NUMBER: FK7600179	REV:
	UNIT NAME: IFOLD DISPLAY		SHEET 1 OF 1