JetScan iFX®
i400 Multi-Pocket Sorter

User Guide
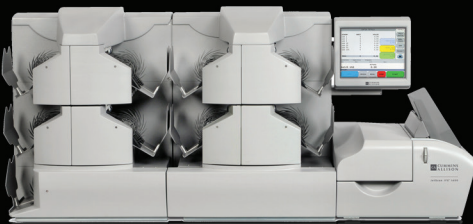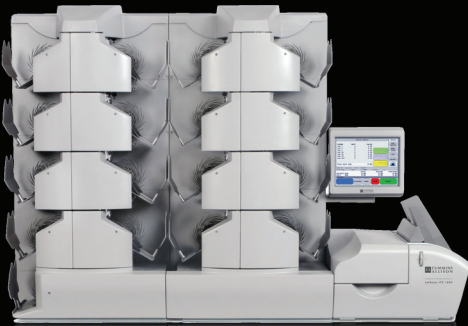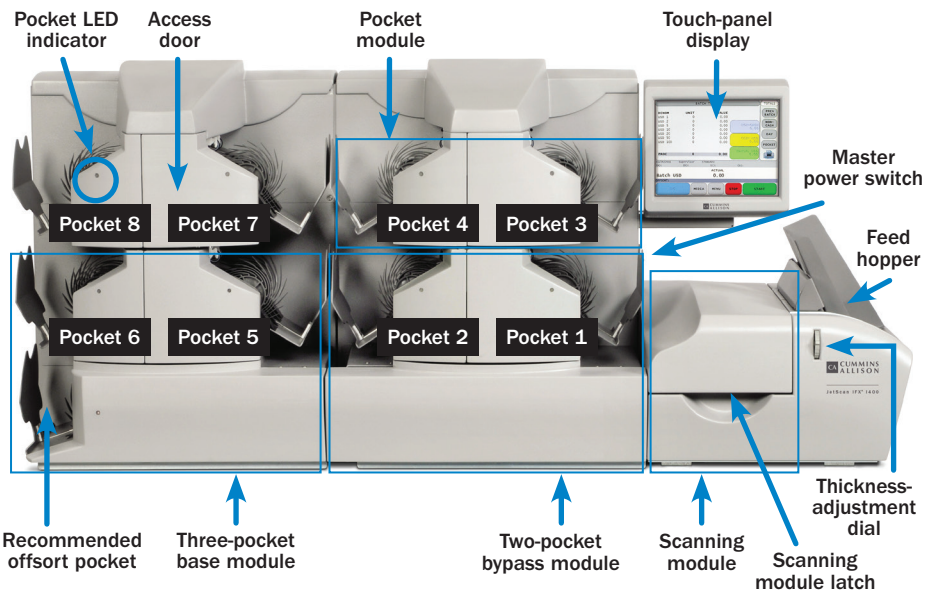
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About This Guide

This guide covers basic features of the JetScan iFX® i400 multi-pocket sorter and includes both versions of operating software (One Touch and One Touch Plus). The * symbol is used throughout the document to indicate features that only are included in One Touch Plus. For descriptions of additional features, please refer to the corresponding operating instructions.

Machine Diagram

Labels (clockwise): Pocket LED indicator, Access door, Pocket module, Touch-panel display, Master power switch, Feed hopper, Thickness-adjustment dial, Scanning module latch, Scanning module, Two-pocket bypass module, Three-pocket base module, Recommended offsort pocket

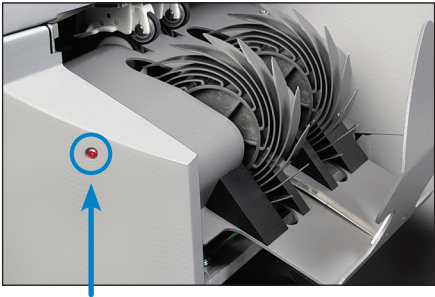Pockets: Pocket 8, Pocket 7, Pocket 4, Pocket 3, Pocket 6, Pocket 5, Pocket 2, Pocket 1

Pocket LED Indicators

LED indicators, which are located in front of each pocket, communicate important information about pockets.

Indicator statuses are described in the chart below.

Pocket LED

Pocket Condition	Indicator Status
Active Pocket (Denominations assigned)	No light
Inactive Pocket (Denominations not assigned)	Red
Clear Pockets	Red flashing
Pocket Limit	Green flashing
Priority Pocket Limit (Includes sorting and offsort pockets)	Red and green flashing
Active Offsort Pocket	Amber
Active Offsort Pocket with Rejected Notes	Amber flashing
Suspect Document (SD) in Offsort Pocket	Amber and red flashing
Offsort Pocket at Limit without SD	Amber and green flashing
Offsort Pocket at Limit with SD	Amber and green flashing

Getting Started

This section outlines basic features and functions of the i400 multi-pocket sorter.

Powering On the System

⚠️ **WARNING**

High voltage inside. Double pole/neutral fusing.

Risk of electric shock.

Turn power **OFF** and unplug power cord from machine before cleaning.

Do not attempt repairs. Repairs must be made by authorized Cummins Allison personnel.

Use grounded plug and properly grounded outlet.

Read and understand all instructions before use.

⚠️ **WARNING**

Risk of injury.

Turn power **OFF** and unplug power cord from machine before cleaning.

Do not defeat safety interlock switches.

✋ The feed hopper should be empty and free from notes or foreign objects prior to **POWERING ON** the equipment. Failure to follow this procedure could negatively impact machine function.

The **master power switch** turns the machine **ON** and **OFF**.

With the power cord firmly plugged into a grounded outlet, **POWER ON** the system by pressing the **master power switch** rocker panel to **I**.

The system will perform a confidence-test routine. The *SYSTEM START* screen appears for machines equipped with the One Touch Plus operating software, and the main-processing screen appears for machines equipped with the One Touch operating software.

View from Right Side

Master power switch

Power cord
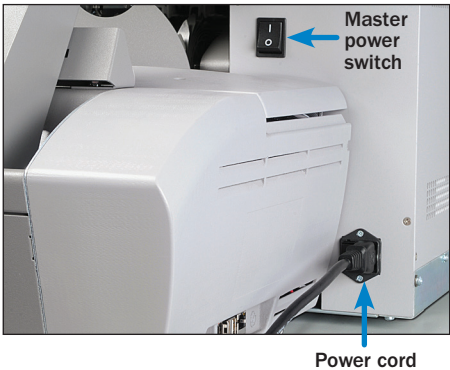
System Start Screen, Signing Onto the System*

After **POWERING ON** a machine with the One Touch Plus operating software, the *SYSTEM START* screen appears.
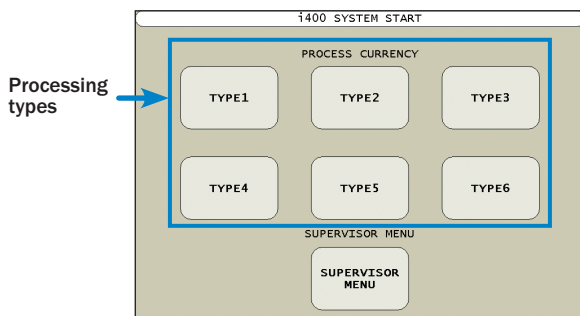
## To sign onto the system and begin processing notes:

1. Select a processing type on the *SYSTEM START* screen. The *SYSTEM SIGN-ON* screen appears.

2. Enter the operator ID using the numeric keypad and press **ENTER**.

3. Enter the password using the numeric keypad and press **ENTER**. The password always is displayed as asterisks (****) in the password field.

4. Once a valid operator ID and password are entered, the main-processing screen appears.

To return to the *SYSTEM START* screen without signing on, press **CANCEL**.

*This feature only applies to the One Touch Plus operating software.

Main-Processing Screen

Most transaction-processing functions are performed on the main-processing screen.
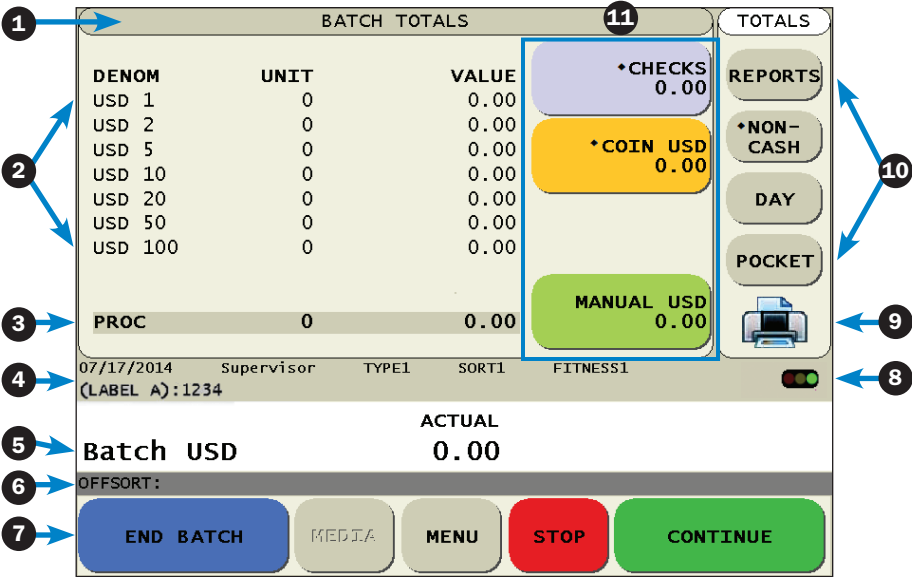
* These features only apply to the One Touch Plus operating software.

Main-Processing Screen	
1. Active title bar	**7.** Motor-control and function buttons
2. Processed totals	**8.** Serial communication port indicator
3. Grand total of processed notes	**9.** Print button
4. Status bar	**10.** Totals/function menu
5. Current sub-batch and batch totals	**11.** Processing-activity menu
6. Offsort activity	

Status Bar

① ② ③ ④ ⑤ ⑦

```
03/22/2011    Supervisor    TYPE1    SORT3    ECB                    ●●●
(Account#):1234 (Teller):7 (Bag#):4678
```

⑥

No.	Name	Description
1.	**Current system date**	This is the system date.
2.	**Supervisor/ operator ID***	This screen name is associated with the operator or supervisor currently signed on to the system.
3.	**Current processing type***	This is the current processing type selected by the user.
4.	**Active operating sort mode**	This is the current sort mode selected by the user.
5.	**Active fitness sort mode**	This is the current fitness sort mode selected by the user.
6.	**Labels (Account and LABEL A, B, C, D) for current batch in process**	Label titles are assigned in **SETUP**, and values are entered on the *LABEL INFORMATION* screen. When the 64-character limit for the title and value is exceeded, the label title returns to the default value (Account and LABEL A, B, C, D).
7.	**Serial communication port indicator**	Green indicates the machine is online serially with the host system. Yellow indicates the machine is disconnected from the host system. Red indicates the machine is off-line serially with the host system. **If the serial communication port indicator remains yellow or red, call a Cummins Allison representative.**

* These features only apply to the One Touch Plus operating software.

Motor-Control and Function Buttons

END	MEDIA	MENU	STOP	START

END BATCH	MEDIA	MENU	STOP	CONTINUE

END SUB-BATCH	MEDIA	MENU	STOP	CONTINUE
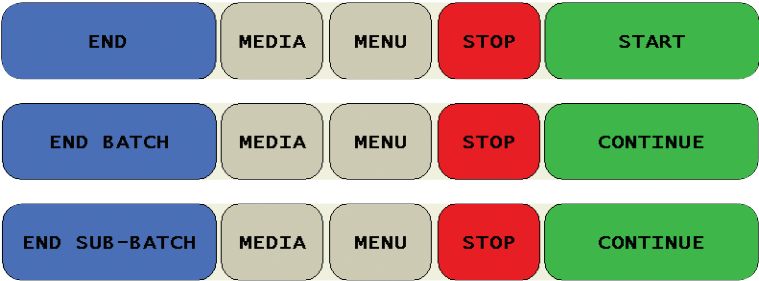
⚠CAUTION Machine capable of automatic start and continuous operation.

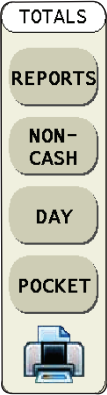Feed rollers in feed hopper rotate inward. Entanglement and drawing-in hazard.

Do not operate with exposed long hair, neckties, jewelry or loose clothing.

Button	Description
START (AUTO START ON/ OFF)	**When AUTO START is ON in SETUP:** Place notes in the feed hopper to engage the feed and transport motors. Notes begin to feed automatically and are processed through the transport path. Additional notes may be added to the feed hopper as needed. **When AUTO START is OFF in SETUP:** Press **START** to engage the feed and transport motors. Notes loaded in the feed hopper begin to feed automatically and are processed through the transport path. Additional notes may be added to the feed hopper as needed.
CONTINUE	When **START** is pressed, it changes to **CONTINUE**. It may be necessary to press **CONTINUE** after clearing an error or placing additional notes in the feed hopper to resume processing.
STOP	Press **STOP** at any time to halt operation of the machine. Motors will briefly continue running to "flush" notes from the transport path and then will stop.
MENU	Press **MENU** to access additional processing functions and features. The list of features and functions that appear is dependent on whether a supervisor or operator is signed on to the system.*
Supervisor and operator options only apply to the One Touch Plus operating software.	

Button	Description
MEDIA	Press **MEDIA** to enter label information for the current sub-batch or batch. Label information is activated and defined in **SETUP**.
END BATCH	Press **END BATCH** to end the current batch. Batch totals are transferred to the day total register and are reset for the next transaction.
END SUB-BATCH	Press **END SUB-BATCH** to end the current sub-batch. Sub-batch totals are transferred to the current batch total register and are reset for the next transaction. The sub-batch function is activated in **SETUP**.

Viewing Totals

Button	Description
REPORTS	Press to display the *TOTALS REPORTS* screen. Then press: • **DAY** to display grand totals of all currency processed since the last system clear. • **BATCH** to display totals for the current batch. • **PREVIOUS BATCH** to display totals for the previous batch. • **ACCOUNT / OPERATOR ID** to display totals by account or operator ID (if enabled in **SETUP**).
NON-CASH*	Press to display the grand total of all non-cash items.
DAY	Press to display cumulative totals for the currency currently being processed.
POCKET	Press to display total notes in the pockets.
Printer Icon	Press to print batch totals – including non-cash*, coin* and manual-entry totals – with label and declared-balance information.
*These features only apply to the One Touch Plus operating software.	

Configuring Pocket Limits

Pocket limits can be configured for all sorting pockets. Each sorting pocket can be assigned:

- A value between 10 and 250 notes.
- The same or different values.

To configure pocket capacity:

1. From the *POCKET TOTALS* screen, press **POCKET LIMITS** to prompt the screen at right.

   POCKET 1 is automatically highlighted and ready for the first entry each time the *POCKET LIMITS* screen appears.

2. Enter the number of notes for the first pocket using the numeric keypad and press **ENTER**. The number is displayed in that field and the next pocket is highlighted.

POCKET	DENOM	UNIT	LIMIT
1	USD MIX	0	100
2	OFFSORT	0	100
3		0	100
4		0	100
5		0	100

POCKET LIMITS – STANDARD

3. Enter the number of notes for each subsequent pocket and press **ENTER**. To skip a pocket and advance to the next, press **ENTER** again or ▼. To return to a previous pocket, press ▲. To correct an entry, select the pocket, re-enter the correct information, and press **ENTER**. To populate all pocket limits with the same value, enter the value for one pocket and press **ALL**.

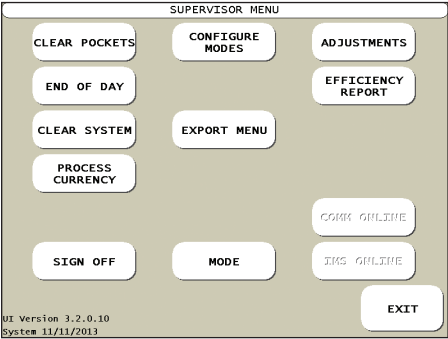4. When configuration is complete, press **OK** to return to the *POCKET TOTALS* screen.
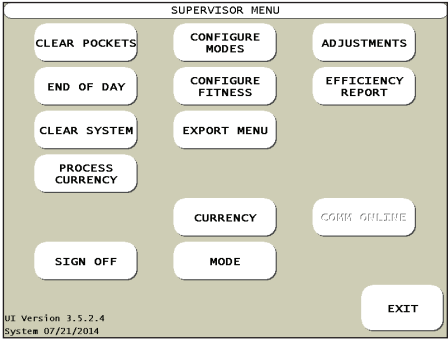
How to Use the Supervisor Menu

Enabled system options impact which buttons appear on the *SUPERVISOR MENU.* One of the menus below appear when:

- **MENU** is pressed on the main-processing screen and a supervisor-level user signs on to the system.
- **SUPERVISOR MENU** is pressed on the *SYSTEM START* screen and a valid supervisor password is entered.
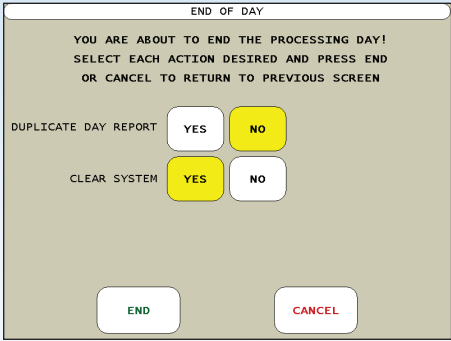- **SUPERVISOR MENU** is pressed on the *OPERATOR MENU*. The *OPERATOR MENU* only applies to the One Touch Plus operating software.

Bar-coded ticket processing option enabled

SUPERVISOR MENU		
CLEAR POCKETS	CONFIGURE MODES	ADJUSTMENTS
END OF DAY		EFFICIENCY REPORT
CLEAR SYSTEM	EXPORT MENU	
PROCESS CURRENCY		
		COMM ONLINE
SIGN OFF	MODE	IMS ONLINE
		EXIT
UI Version 3.2.0.10 System 11/11/2013		

Fitness option enabled

SUPERVISOR MENU		
CLEAR POCKETS	CONFIGURE MODES	ADJUSTMENTS
END OF DAY	CONFIGURE FITNESS	EFFICIENCY REPORT
CLEAR SYSTEM	EXPORT MENU	
PROCESS CURRENCY		
	CURRENCY	COMM ONLINE
SIGN OFF	MODE	
		EXIT
UI Version 3.5.2.4 System 07/21/2014		

Supervisor Menu	Description
EXIT	Press **EXIT** to return to the main-processing screen.
CLEAR POCKETS	Press **CLEAR POCKETS** to prompt the ABOUT TO CLEAR POCKETS, CONTINUE? dialog box which is used to manually clear all pockets during the processing cycle. **To clear all pockets:** Pressing **NO** cancels clearing procedures. Press **YES**. LED indicators flash red on pockets holding notes. As notes are removed from each pocket, the LED indicators stop flashing. All pockets with notes must be cleared before beginning another sub-batch/batch.

Supervisor Menu	Description
END OF DAY	Press **END OF DAY** to prompt the *END OF DAY* screen below. When all processing for a day is complete, end-of-day procedures must be performed to properly close out the system. **END OF DAY** YOU ARE ABOUT TO END THE PROCESSING DAY! SELECT EACH ACTION DESIRED AND PRESS END OR CANCEL TO RETURN TO PREVIOUS SCREEN DUPLICATE DAY REPORT YES **NO** CLEAR SYSTEM **YES** NO END CANCEL **Follow the end-of-day procedures below to ensure system files are properly closed:** ✋ **Pressing CANCEL exits the *END OF DAY* screen <u>without</u> executing end-of-day procedures.** 1. At CLEAR SYSTEM, press **YES** to clear the system. All day and pocket totals are cleared. 2. At DUPLICATE DAY REPORT, press **YES** to generate a second day report in addition to the one that is generated when **END** is pressed. 3. Press **END** to begin the end-of-day procedures. The procedure is automatically performed. Once the procedure is complete, the *SYSTEM START* screen appears.
CLEAR SYSTEM	Press **CLEAR SYSTEM** to prompt the ABOUT TO CLEAR THE SYSTEM, CONTINUE? dialog box from which all processed totals and pocket totals can be cleared from memory. This function can be performed at any time during the processing day. **To clear the system:** ✋ **To cancel the procedure to clear the system, press NO.** Press **YES**. All pockets with notes must be cleared before beginning a new sub-batch/batch. LED indicators flash red on pockets holding notes. As notes are removed from each pocket, the LED indicators stop flashing.

Supervisor Menu	Description
PROCESS CURRENCY	Press **PROCESS CURRENCY** for totals by denomination, which includes notes currently in pockets, as well as notes that have been removed from pockets for the sub-batch/batch. Press the **PRINTER ICON** to generate a report with label information, the date and time, as well as the audit number.
SIGN OFF*	Press **SIGN OFF** to sign a supervisor or operator off the system, exit the processing type, and return to the *SYSTEM START* screen. A supervisor or operator may sign off the system at any time during a sub-batch/batch or after completing a sub-batch/batch. At the *SYSTEM START* screen, a new user may sign on or the previous user may sign on again. If a new user signs on to the system prior to ending the current sub-batch/batch, the new user assumes responsibility for the open sub-batch/batch totals.
CONFIGURE MODES	Press **CONFIGURE MODES** to assign denominations and rejected notes to pockets, as well as pocket limits. See How to Configure Modes at the end of this section for more information.
CONFIGURE FITNESS	Press **CONFIGURE FITNESS** to configure fitness sort modes. See How to Configure Fitness Sort Modes at the end of this section for more information.
EXPORT MENU*	**A Cummins Allison service representative must initially set up the file format and export location.** Press **EXPORT MENU** to prompt the *EXPORT MENU* screen which is used to export a currency or ticket flat file to a host system.
CURRENCY	**CURRENCY appears on the *SUPERVISOR MENU* when the system is configured to process currency other than USD.** Press **CURRENCY** to prompt the *SELECT NEW CURRENCY* screen which is used to choose the preferred currency for processing. Only one currency type can be activated at a time.

* This feature only applies to the One Touch Plus operating software.

Supervisor Menu	Description
MODE	Press **MODE** to prompt one of the following screens. Users may select an operating sort mode and fitness mode for the current batch. Selections determine pocket assignments and fitness criteria. See How to Configure Modes and How to Configure Fitness Sort Modes at the end of this section for more information.

i400 SORT MODES

SELECT OPERATING SORT MODE TO USE

STANDARD   DENOMINATE
Orient   Sort
SORT3   SORT4

OK   CANCEL

Fitness option enabled

i400 SORT MODES

SELECT OPERATING SORT MODE TO USE

STANDARD   DENOMINATE   SORT1
SORT2   SORT3   SORT4

SELECT FITNESS MODE TO USE

ECB   INK WEAR   MISSING
TEARS STAIN   ALL ON

OK   CANCEL

To change the operating sort mode or fitness mode:

Sort and fitness modes _cannot_ be changed during a batch. The batch must end PRIOR to changing a sort or fitness mode.

1. Press a **sort mode** or **fitness mode button**. The active button is yellow.
2. The *CLEAR POCKET TOTALS* screen appears. |

Supervisor Menu	Description
MODE (Continued)	3. Pockets must be cleared prior to changing sort or fitness modes. Press: · **YES** to clear all pockets and return to the *SUPERVISOR MENU*. · **NO** to return to the *SELECT OPERATING SORT MODE TO USE / SELECT FITNESS MODE TO USE* screen without clearing pockets. Then press **CANCEL** to return to the *SUPERVISOR MENU.* The active sort and fitness modes appear in the status bar on the main-processing screen.
ADJUSTMENTS	Press **ADJUSTMENTS** to configure settings such as date/time, suspect document (SD)/density and speed.
EFFICIENCY REPORT	Press **EFFICIENCY REPORT** to generate a report showing: · A variety of basic machine efficiency calculations. Calculations are shown as percentages. · Piece counts for items such as total suspect documents, total rejects, document volumes by denomination, and document volumes by pocket.
COMM ONLINE	Press **COMM ONLINE** to connect or disconnect serial-port communications to a host device. **To place the machine in the on-line status:** 1. Press **COMM ONLINE** to place the machine in the on-line status. The active button is yellow. 2. Press **EXIT** to return to the main-processing screen.
* This feature only applies to the One Touch Plus operating software.	

How to Configure Modes

Press **CONFIGURE MODES** from the *SUPERVISOR MENU* to prompt the *CONFIGURE MODES MENU*. Press a sort mode button to prompt a *mode-configuration* screen. An example is shown at right.

To assign denominations or bar-coded tickets to pockets for the operating mode:

> If a denomination is not assigned to a sorting pocket, it is automatically directed to the offsort pocket.
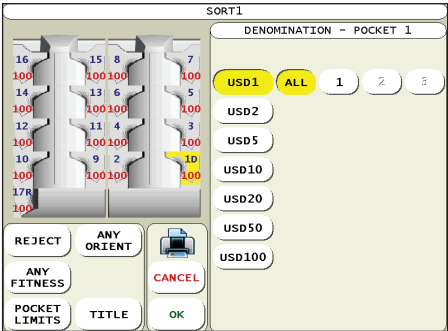
1. Press a **pocket on the diagram** to configure that pocket. The active pocket is yellow.

2. Do one of the following:

   - Assign one or multiple denominations to the pocket by pressing the desired **denomination buttons**. Denomination series also may be chosen by pressing **ALL** or one of the available series buttons.

   - Assign bar-coded tickets to the pocket by pressing **TICKETS**. The ticket type may be chosen by selecting **ALL TYPES** or one of the available ticket types that have been configured. Active buttons are yellow.

3. By default, items sort to all pockets regardless of facing or orientation. To sort items to a pocket faced or oriented in a certain way, press **ANY ORIENT**. Then choose an orientation from the selections that appear on the right side of the screen.

4. When the fitness option is enabled, repeatedly press **ANY FITNESS** to select the desired fitness level for the pocket. This button toggles among the following selections: **ANY FITNESS**, **FIT** and **UNFIT**.

5. Repeat steps 1 - 4 for each pocket.

To assign rejected documents to an offsort pocket:

> One or two sorting pockets can be designated as dedicated offsort pockets.
>
> For example:
>
> • Configure one offsort pocket for **SUSPECTS** (suspect documents), which allows potential counterfeit notes to be isolated.
>
> • Configure a second offsort pocket for other types of rejected documents.

1. Press the desired **pocket**. The active pocket is yellow.

2. Press **REJECT** and select the desired documents to offsort, such as **NO CALLS**, **SUSPECTS**, **FEED ERRORS** and **STRANGERS**. Selected buttons are yellow.

Documents are rejected to the offsort pocket for a variety of reasons. For more information, see Note and Document Errors.

**When all pocket assignments are complete for all modes:**

1. Press **OK** to save entries and return to the *CONFIGURE MODES MENU*.

2. Press **EXIT** to return to the *SUPERVISOR MENU*.

To create a custom title for a sort mode:

1. Press **TITLE**.

2. Use the keypad to enter a new sort-mode title. Press **CE** to erase a current title and enter a new one. The title can be one line with a character limit of 12.

3. Press **ENTER** to save changes and return to the *mode-configuration* screen. The new title appears in the status bar on the main-processing screen and on the button within the *CONFIGURE MODES MENU* screen.

How to Configure Fitness Sort Modes

Press **CONFIGURE FITNESS** from the *SUPERVISOR MENU* to prompt the *FITNESS MODE* screen. Select the desired fitness sort mode to prompt the screen below and configure fitness sorting settings by denomination.

Fitness sort mode name
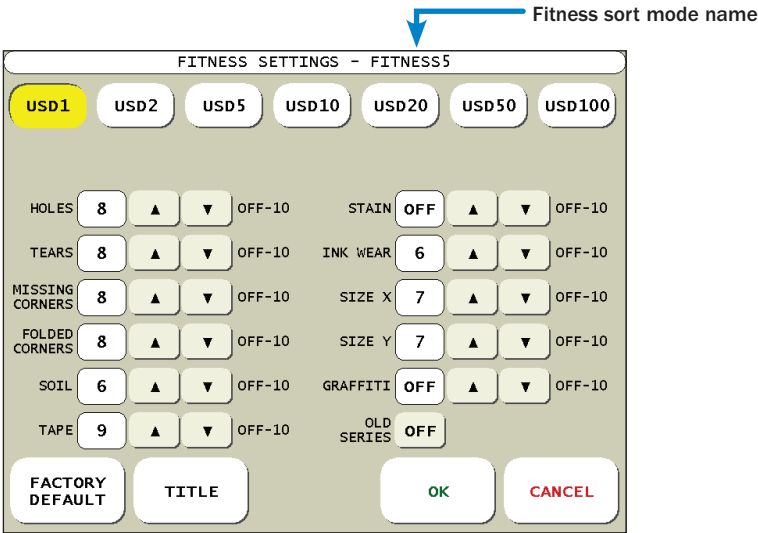
To configure a fitness sort mode:

1. Select a denomination and note series (if more than one series is available) to configure by pressing the appropriate button which runs along the top of the screen. The active button is yellow.

2. Configure the fitness sorting level for HOLES, TEARS, MISSING CORNERS, FOLDED CORNERS, SOIL, TAPE, STAIN, INK WEAR, SIZE X, SIZE Y and GRAFFITI. Press the up and down arrows to select the desired fitness level or **OFF**. Selecting **OFF** disables the fitness sorting criteria.

3. Configure the OLD SERIES setting. Press **ON** to automatically sort the selected denomination and series as unfit, regardless of actual fitness condition. Press **OFF** to disable this feature and automatically sort the selected denomination and series based on configured fitness level settings.

4. Repeat steps 1 - 3 above until settings have been configured for all desired denominations.

To change the fitness sort mode name:

1. Press **TITLE** at the bottom of the screen to prompt a keyboard.

2. Press **CE** to erase the existing name and type the new name.

3. When finished, do one of the following:

   - Press **ENTER** to save the new name and exit the keyboard.
   - Press **CANCEL** to cancel changes, keep the existing fitness sort mode name, and exit the keyboard.

To return the active fitness sort mode to original factory settings:

1. Press **FACTORY DEFAULT** at the bottom of the screen.

Original factory settings are intended to meet published local standards for fitness. Actual fitness standards may vary slightly from one location to another. Work closely with the appropriate authorities to ensure that fit and unfit notes are meeting their standards.

Stopping Conditions and Recovery Steps

The JetScan iFX i400 multi-pocket sorter will stop for a variety of reasons, all of which require action by the user. When an error screen appears, follow the instructions on the screen to recover from the error. This section includes error screens in which additional steps may be required.

Condition ▸ A ticket or day totals file was not exported prior to pressing **END OF DAY** or **CLEAR SYSTEM**.

Action ▸ Press **OK** to return to the *SUPERVISOR MENU*. Then press **EXPORT TICKETS** or **EXPORT DAY TOTALS**, whichever applies.

File Not Exported (Tickets or Day Totals)
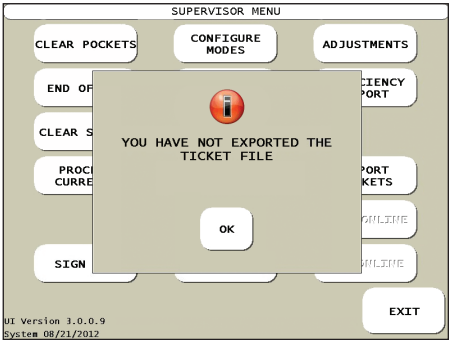
Condition ▸ An entered pocket-limit value was:

- Less than 10 or more than 250 on the *POCKET LIMITS* screen.
- Less than the current UNIT value on the *POCKET LIMITS* screen.

Action ▸ Press **OK** to return to the *POCKET LIMITS* screen and enter a new value.

Invalid Entry – Out of Range (Pocket Limit)
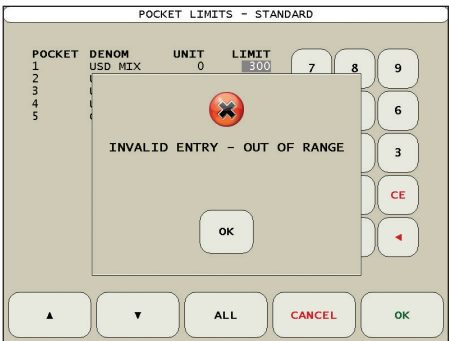
Jam Recovery

Condition ▸ When a jam condition occurs, the machine's motors immediately stop and a *JAM* screen appears, describing the problem and how to recover from it.

Action ▸ Follow the steps below to recover from a jam condition:

| **NOTICE**	Risk of damage to critical machine components.
	Carefully remove jammed notes.
	Visually inspect areas surrounding jammed notes <u>prior</u> to re-starting motors.
	Remove any partial notes and foreign objects from transport path.

1 Use the *JAM* screen to locate the jam. A sample *JAM* screen is shown at right. A red asterisk (*) indicates a location that should be thoroughly examined for a jammed document or foreign object.


```
            FLOW JAM
     JAM CODE 304: FLOW JAM IN POCKET #4
  JAM HAS OCCURRED. LOCATE JAM AND REMOVE NOTES




        CLEAR POCKET IN LIMIT: 3
            ┌─────────┐
            │  FLUSH  │
            └─────────┘
```

2 Remove the jammed document or foreign object. To reach the jam, it might require opening access doors on pocket modules, lifting the green lower-vertical transport-guide levers to open the transport path, or moving transport rollers. Transport rollers can be moved forward or in reverse by turning the green advance knobs inside the unit, as shown at right.

3 Once the jammed document or foreign object is removed, secure the green lower-vertical transport-guide levers and close open access doors on pocket modules.

Advance knob

Lower-vertical transport-guide levers
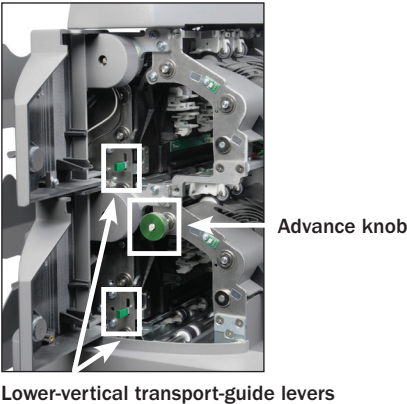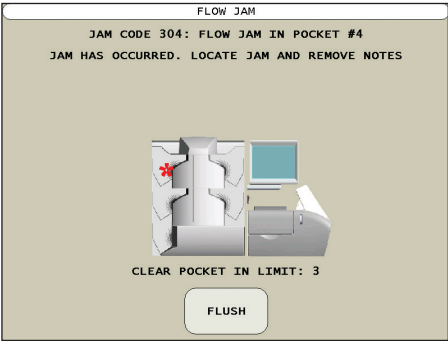
Once **FLUSH** is pressed, the screen identifying the jam location disappears and it <u>cannot</u> be recalled.

4 Press **FLUSH** to ensure the transport path is clear. The screen at right then appears. The motors momentarily run and then automatically stop, sending all remaining documents in the transport path to the pockets.
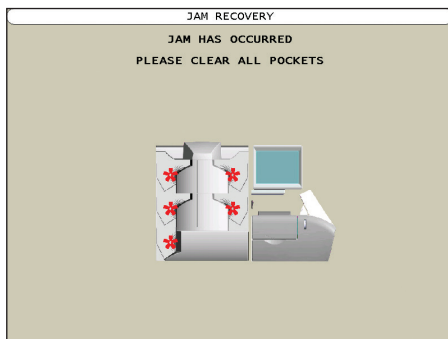
JAM RECOVERY

JAM HAS OCCURRED
PLEASE CLEAR ALL POCKETS

5 Pocket LED indicators flash red, indicating documents must be removed and reprocessed.

6 Return documents to the feed hopper.

7 Continue processing the transaction.

If there is no success in removing jammed documents or clearing a *JAM* screen, **contact a Cummins Allison representative**.

Note and Document Errors

Notes and documents are rejected to the offsort pocket for a variety of reasons. The appropriate codes appear in the offsort-activity bar on the main-processing screen. Note and document errors are described below.

Classification	Code	Description
No Call	**NC**	A note that passed through the scanner cannot be identified. *This note has not been counted.* Return the note to the feed hopper for reprocessing.
Stranger	**STR**	A note that passed through the scanner was not assigned to a sorting pocket. *This note has not been counted.* This note must be entered manually.
Chain	**CH**	Two or more notes were overlapping during processing. *These notes have not been counted.* Return the notes to the feed hopper for reprocessing.
Double	**DBL**	Two or more notes were processed simultaneously (stacked on top of one another). *These notes have not been counted.* Return the notes to the feed hopper for reprocessing.
Spacing	**SPC**	One or more notes were processed without proper spacing. *These notes have not been counted.* Return the notes to the feed hopper for reprocessing.
Skew	**SK**	One or more notes were skewed during processing. *These notes have not been counted.* Return the notes to the feed hopper for reprocessing.
No Fitness	**NF**	A note passed through the scanner, and fitness determination cannot be made.

Condition ▶ A sensor is blocked, dirty or not functioning properly.

Action ▶ A yellow asterisk (*) indicates pocket sensors are dirty. A red asterisk (*) indicates pocket sensors are blocked or not functioning properly.

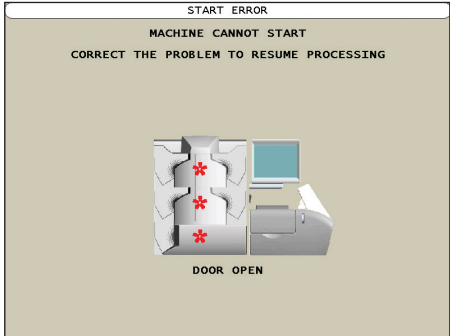Carefully clean sensors. To continue, press **OK**.

Sensor Error

```
         POC 5 COUNT SENSOR ERROR
              SENSOR IS DIRTY
 THIS IS ONLY A WARNING, DO NOT CLEAR POCKETS
```



```
                OK
```
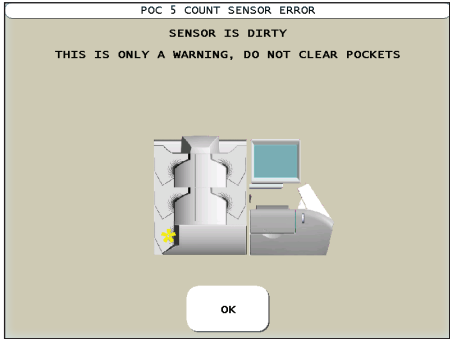
Condition ▶ The machine cannot start because of a hardware problem.

Action ▶ A red asterisk (*) indicates a location that should be thoroughly examined. Ensure doors and latches are secure. If the error screen continues to appear, **call a Cummins Allison representative**.

Start Error

```
                START ERROR
            MACHINE CANNOT START
  CORRECT THE PROBLEM TO RESUME PROCESSING
```



```
              DOOR OPEN
```

Suspect Documents

When a suspect document is identified, a code appears in the offsort-activity bar on the main-processing screen. *The suspect document is not counted.*

Remove the suspect document from the offsort pocket and examine it for authenticity. If the note is deemed genuine, return it to the feed hopper for reprocessing or enter it by pressing **MANUAL** on the main-processing screen. If the note is deemed counterfeit, place it aside, and it will not be part of the count.

Suspect document codes are described below.

Code	Possible Causes	Code	Possible Causes
S-1	· Incorrect note paper · Soiled note	S-11*	· Incorrect-ink error · Worn note
S-2	· Incorrect note paper · Machine-washed note · Taped note	S-12*	· Incorrect-ink error · Worn note
S-3	· Incorrect note paper · Soiled note	S-14	Central Bank of the Russian Federation (CBRF): M-sensor
S-5	· Incorrect-ink error · Worn note	S-15	CBRF: OCR serial-number error
S-8*	· Note failed advanced-counterfeit test · Worn note	S-16	CBRF: F1-sensor
S-9*	· Note failed advanced-counterfeit test · Worn note	S-17	CBRF: F2-sensor
S-10*	· Incorrect-ink error · Worn note	S-18	CBRF: F3-sensor

* These error codes are most common among high-quality counterfeits or super notes. Notes producing these codes should be carefully examined.

Daily Cleaning Procedures

The following cleaning procedures for the JetScan iFX i400 multi-pocket sorter must be performed every day. In some instances, it may be advisable to perform these procedures more than once a day.

Recommended Cleaning Materials

⚠CAUTION Simple Green, the recommended cleaning agent, can be an eye irritant. Avoid eye contact.

If eye contact occurs, flush eye(s) with cool water for 5 minutes – remove contact lenses if present – continue flushing eye(s) with cool water for 15 more minutes. If irritation persists, consult physician.

Individuals with sensitive skin should rinse hands after using.

- **Simple Green Safety Towels.** (Part number: 022-2118-00.) A pre-moistened microfiber towel also may be used. If using Simple Green concentrate, dilute to: 1 ounce of Simple Green per 8 ounces of water. *For material-safety-data sheets, see simplegreen.com.*
- **Microfiber towels.** (Part number: 022-2223-00.)
- **Vacuum cleaner.** (*In the United States:* Order standard vacuum part number 022-1959-00 or heavy-duty vacuum part number 022-1308-00. *Outside of the United States:* Buy vacuum locally.)

Daily Cleaning

⚠WARNING High voltage inside. Double pole/neutral fusing.

Risk of electric shock.

Turn power **OFF** and unplug power cord from machine before cleaning.

⚠WARNING Risk of injury.

Turn power **OFF** and unplug power cord from machine before cleaning.

Do not defeat safety interlock switches.

NOTICE To avoid machine/component damage and potential voiding of existing warranty, follow these procedures:

Only use specified tools for cleaning machine. Never use metal tools.

If using Simple Green concentrate, dilute to: 1 ounce of Simple Green per 8 ounces of water.

Never use cleaners containing ammonia. Ammonia may remove labels from machine.
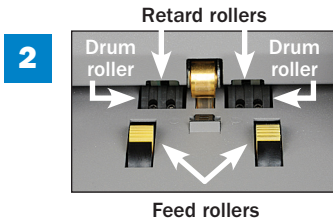
Never spray cleaners directly on machine components.

Turn OFF, Unplug Machine

1 Follow normal procedures to exit the operating software. Turn the power **OFF** (rocker panel to **0**).

2 Disconnect the power cord from the machine.

Feeder Module

1 Vacuum the entire feeder, including the area surrounding the feed, drum and retard rollers.

2 Using Simple Green Safety Towels, clean the feed, drum and retard rollers.

Retard rollers

Drum roller

Drum roller

Feed rollers
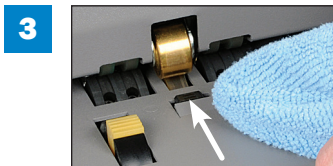
3 Use a dry microfiber towel to clean the start sensor.

Scanning Module

1   Pull the release lever for the scanning module and raise the upper scanner transport plate to the service position.

2

Imaging sensor

Use a dry microfiber towel to remove dirt buildup from urethane and rubber rollers on the upper and lower scanner transport plates.

Wipe the imaging sensors on the upper and lower scanner transport plates with a dry microfiber towel.

3   Vacuum the upper and lower scanner transport plates, as well as the feeder exit area.

4   Pull the release lever for the scanning module and lower the upper scanner transport plate to the operating position.

Transport Assembly

1
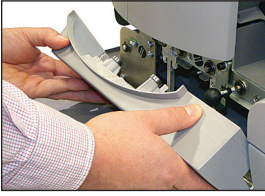
Open the lower-transport access door.

2
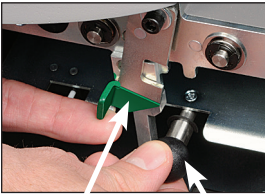
Latch   Knob

Pull the green latch leftward to release the lower transport plate. Use the black knob to lower the plate to the service position.

3

Wipe the upper and lower transport plates, including rollers, with a dry microfiber towel.

4   Vacuum the upper and lower transport plates.

5   Use the black knob to raise the lower transport plate to the operating position. Return the green latch to the operating position.

6   Close the lower-transport access door.

Pockets
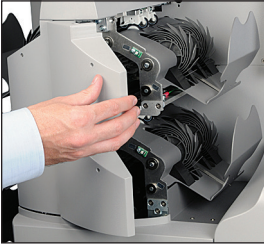
1 Open the access doors on all pocket modules.
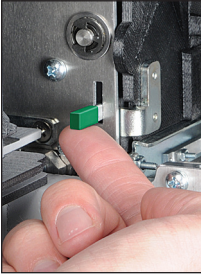
2 In all pockets, lift the green lower-vertical transport-guide lever and raise the right transport plate to the service position.
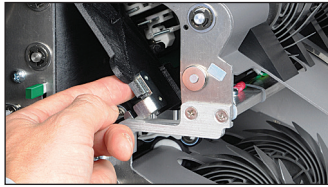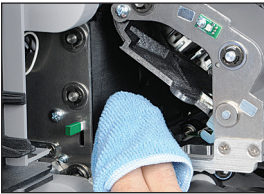
3 In all pockets, wipe the left (vertical) and right (raised) transport plates with a dry microfiber towel.
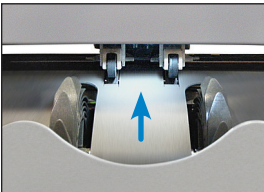
4 Return the right transport plate to the operating position. To lock the plate in the operating position, lower the plate and hold it in place while pressing down on the green lower-vertical transport-guide lever.
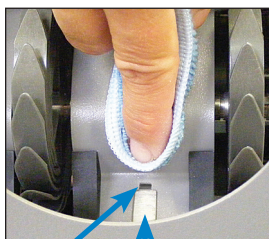
5 Close the access doors on all pocket modules.

6 In all pockets, vacuum the pocket-count-sensor area between the exit rollers.

7 In all pockets, carefully wipe pocket sensors and reflectors with a dry microfiber towel.

Pocket   Pocket
sensor reflector

Machine Exterior

NOTICE Avoid damaging touch-panel display.

Only clean touch-panel display with dry microfiber towel as directed.

1 Clean the touch-panel display with a dry microfiber towel.

2 Using Simple Green Safety Towels, clean the remaining hard-plastic exterior surfaces as necessary.

Resuming Operation

Prior to **POWERING ON** the machine, make sure all transport plates are in the operating position and all access doors are closed, otherwise the machine will not function.

1 Carefully reconnect the power cord.

2 Turn the power **ON** (rocker panel to **I**).

3 Process a small number of documents to verify machine operation.

Notes

CA CUMMINS ALLISON

Headquarters
852 Feehanville Drive
Mt. Prospect, IL 60056 USA
800 786 5528
cumminsallison.com

Australia
P.O. Box 7051
Silverwater, NSW 2128
Australia
02 9648 6661
cumminsallison.com.au

Canada
3350 Ridgeway Drive, Unit 3
Mississauga, Ontario
L5L 5Z9
Canada
905 814 6184
cumminsallison.ca

France
Parc Des Nations-Paris Nord 2
385 Rue de la Belle Etoile
95974 Roissy, France
33 148 196 160
cumminsallison.fr

Germany
ITS Center Unit 29
Arnold Sommerfeld
Ring 2
D-52499 Baesweiler,
Germany
49 2401 805252
cumminsallison.de

United Kingdom
William H. Klotz House
Colonnade Point,
Central Boulevard
Prologis Park
Coventry, CV6 4BU
United Kingdom
44 2476 339 810
cumminsallison.co.uk