

JetWrap[®]

High Speed coin wrapper

Operating Guide



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About This Guide

This guide covers basic and some advanced features of the **JetWrap** coin wrapper, which is a high speed coin wrapping machine that counts coins and wraps them in paper rolls. The Jetwrap is an automatic high speed coin wrapping solution that allows fast processing of large volumes of coin into paper rolls ready for consumers. The large hopper and convenient wheels allow the system to easily adapt to most work environments and making a great addition to a JetSort coin sorter to provide a comprehensive solution of coin processing.

For assistance with advanced **JetWrap** setup and configuration, please contact a Cummins Allison representative.

Specifications

Please follow the operating guidelines below:

Operating Guidelines	
Temperature range	32°F – 100°F
Humidity range	30%– 75%, without condensation
Stacking Height	30mm-110mm
Coin Wrap Thickness	1mm-3.4mm
Hopper Capacity	17000 pieces (400pcs coin error drawer)
Wrapping Speed	25~30 Rolls per minute (Coin Diameter 22mm)
Coin Roll Capacity	25~50 Pieces/Roll
Power supply	110V~ 10% (Consumption 600W)
Weight	140Kg (H:1180mm x W: 455mm x D: 585mm)

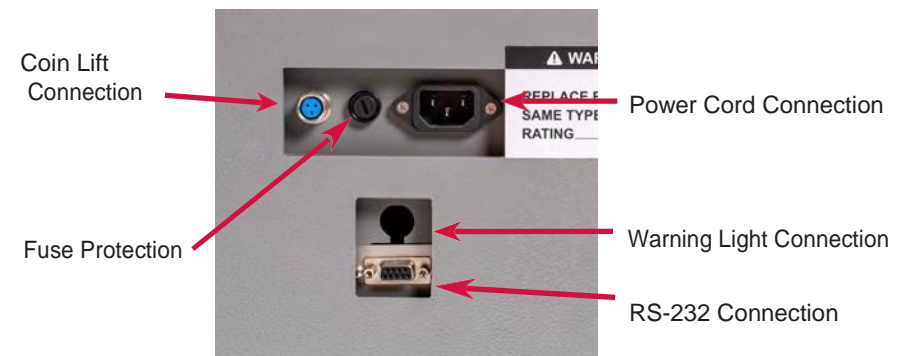
Diagrams

This section outlines features of the **JetWrap** Coin Wrapping Machine.



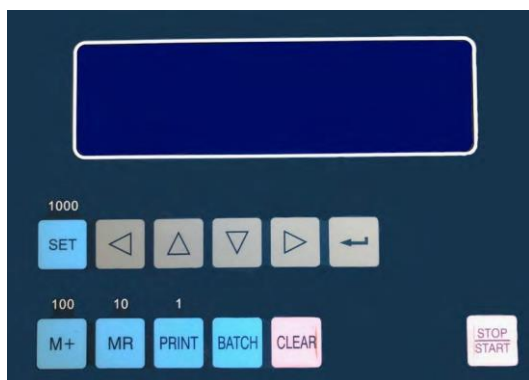
Rear Connection Panel

The rear connection panel is located on the lower back of the machine as shown below:



Control Panel and Display

Primary and Secondary Key Functions



Key Name	Function	Secondary Function
	Cycles thru modes of operation	Moves thru batch setting selection
	Moves the selection left	
	Moves the selection up	
	Moves the selection down	
	Moves the selection right	
	Confirms the selection	
	For saving the total into the Memory	
	To Recall the current Memory total	
	Sends the information to a Printer Or RS-232 connection	Allows the shutter to open manually
	Scrolls thru preset batch setting	
	Clears the count totals. Returns from a menu to return to the main screen	
	Starts and stops the machines Operation	

Getting Started

This section outlines basic features and functions of the JetWrap.

Powering ON

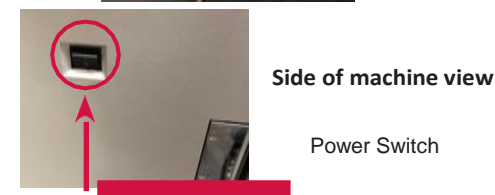
Back of machine view

To turn the **power ON**:

- Ensure the power cord is firmly plugged into a grounded outlet.
- Press the power switch to the ON position.



The system performs a confidence-test routine and prompts to the Main screen.



Understanding the Display

The Main Screen of the Jetwrap is shown below with examples for easy understanding:

Coin batch size if selected

Current date

Current time

An "M" will be shown if memory is turned on and selected

Current Coin denomination selected and Number of coins per roll

Number of coin rolls processed
Number of coins counted

1) Getting Started:

This process will ensure your coin is ready for it to be wrapped.



Remove foreign objects and ensure the coins are sorted by Denomination



Place the single coin denomination you need to process into the Hopper

Select the Mode of Operation

To select the Mode of operation you will press the SET key which enters into the Operation Menu:

The Operation Menu will scroll thru the following each time the SET key is pressed. Pressing the Clear Key will return to the Main Count Screen.

1. Select Denomination	The coin Denomination can be selected
2. Adjust Clock	Allows the date and time to be changed
3. System Set	Allows the selection of machine actions
4. System Set	Allows the selection of clearing jams

1) Denomination Mode:

Here you will select the denomination of coin you need to process.

Pressing the Set key on the Display Panel will take you to the first Operation Screen



Pressing the Clear key returns to the main counting screen at any time without saving.

Number of Menu Option

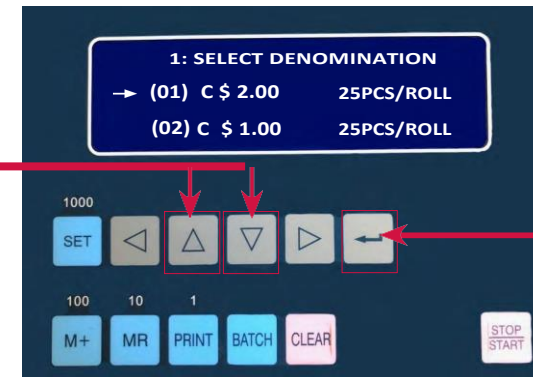
Menu Option Name



Current Coin Currency and Denomination Selection

Number of Coins in each Roll

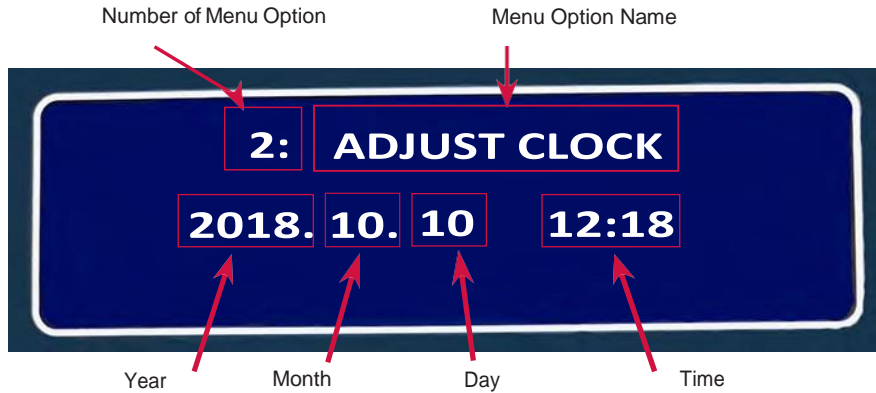
Press the Up arrow or Down arrow to move thru the selection to locate the coin denomination needed to be processed.



Press the Enter Key to confirm and save the selection.

2) Adjust Clock Mode:

Pressing the Set key on the Display Panel will take you to the Second option:

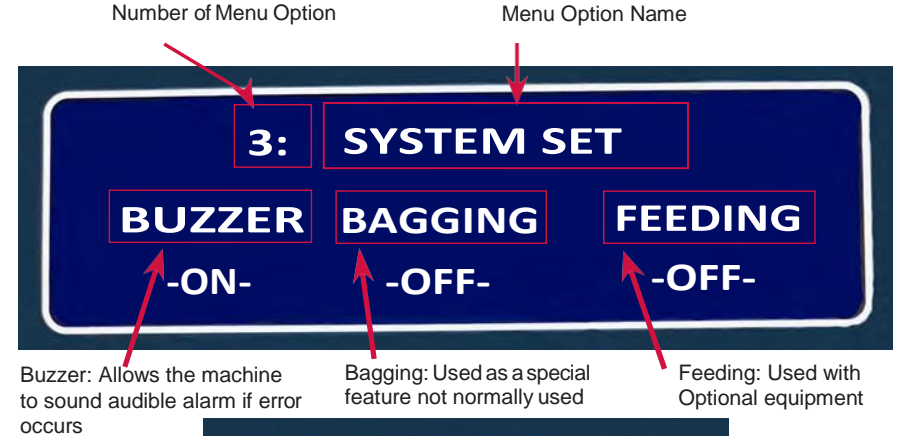


The Operation Menu 2 Adjust Clock will display the current programmed Date setting and the selected item for adjustment will flash on and off :

- Pressing Up arrow increases the number
- Pressing Down arrow decreases the number
- Pressing Left or Right arrow moves to the next flashing selection
- Pressing Enter Key confirms and saves the selection

3) System Set Mode:

Pressing the Set key on the Display Panel will take you to the Third option:



The Operation Menu 3 System Setting will show the machine options used for Buzzer, Bagging, and Feeding :

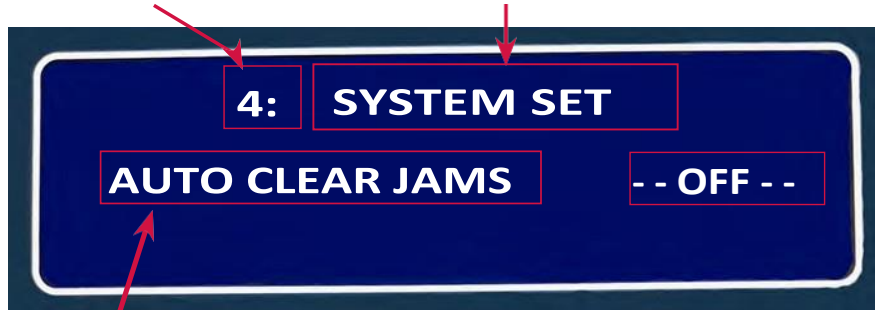
- Pressing Up arrow changes it to On or OFF
- Pressing Down arrow changes it to OFF or ON
- Pressing Left or Right arrow moves to the next flashing selection
- Pressing Enter Key confirms and saves the selection

4) System Set Mode:

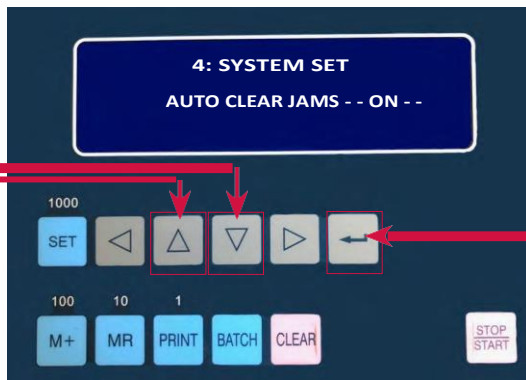
Pressing the Set key on the Display Panel will take you to the Fourth option:

Number of Menu Option

Menu Option Name



Auto clear jams: Allows the machine to try and clear the jams automatically and send the coins into the loose coin drawer directly if a problem is detected.



The Operation Menu 4 System Setting will show the machine option for handling a coin jam condition:

Pressing Up arrow changes it to On or OFF

Pressing Down arrow changes it to OFF or ON

Pressing the Left or Right arrow is not used for this selection

Pressing Enter Key confirms and saves the selection

Set Batch Mode:

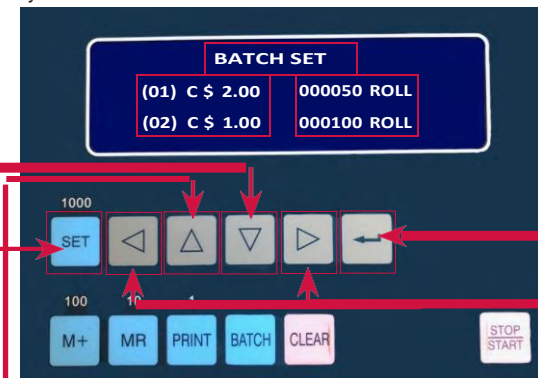
Pressing the Batch key on the Display Panel will take you to the Batch Set option for the current denomination you are counting: All Zero means off.

Menu Option Name



Current Coin Currency and Denomination Selection

Number of Rolls to be batched



The Operation Menu 3 System Setting will show the machine options used for Buzzer, Bagging, and Feeding :

Pressing SET scrolls thru the Denomination

Pressing Up arrow increases the number

Pressing Down arrow decreases the number

Pressing Left or Right arrow moves to the next flashing selection

Pressing Enter Key confirms and saves the selection

Paper Roll Installation

Start by placing the paper roll for the denomination onto the table and open the front door.



1. Open the paper door as shown:



2. Guide the paper as shown:



3. Place the paper into the feed rollers:



4. Close the feed door to start the paper feeding and opening it stops the paper feeding



5. Feed in the paper slowly and use the cutter to make the end neat

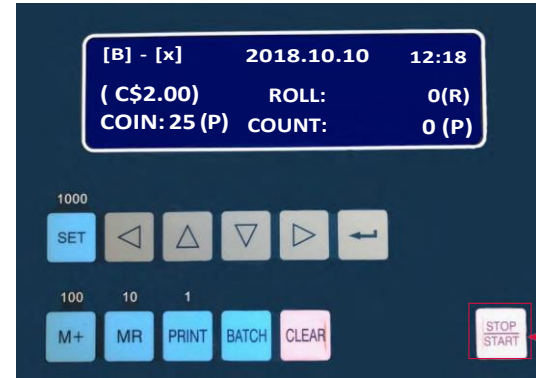


6. Using an Open the door and close the door motion, allow the paper to feed until ~~to~~ carefully. You should ensure the paper is flat against the table and straight along the door as shown:



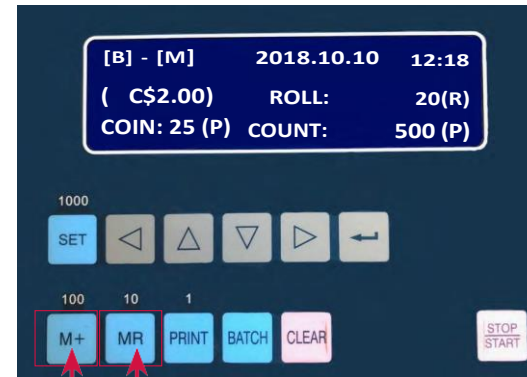
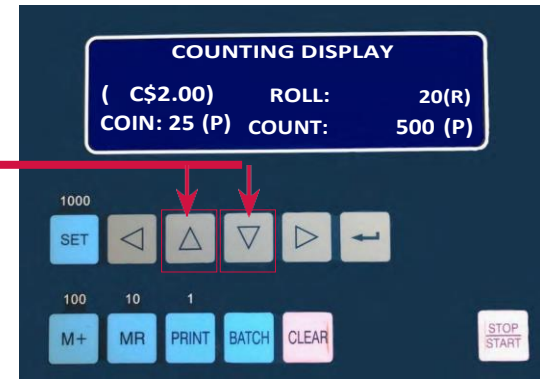
Operation Tasks:

In this section the counting will begin and operational tasks are explained.



Press the Stop/Start Key for the machine to begin counting.

Press the UP or Down Arrows during counting to see the denominations counted in a window called COUNTING DISPLAY.



Pressing the M+ key will add the amount into the memory and save it. Pressing the MR key recalls it to the screen.

Operation Tasks:

This section outlines operations handled during counting.



Check the remnant tray for foreign materials or any incorrect coin sorted



Loose Coin Drawer

Clearing a JAM condition:

If the machine encounters a jam or stop condition. Pressing the Clear Key will drop the current coin into the Loose coin Bin if there are coins present there.



Check the thickness adjustment block and Coin track to ensure the coins are not jammed by objects

Pressing the PRINT KEY will open the shutter manually and drop any coin there into the Loose Coin Drawer.

Troubleshooting:

In this section will offer some support into solving issues that might occur.

Errors	Possible Reasons	Correction
COUNTING SENSOR COVERED!	<ol style="list-style-type: none"> Wrong parameters. Coin under sensor. 	<ol style="list-style-type: none"> Correct the parameters. Open the top cover, lift the coin climbing mechanism, and remove the coins from the track.
NO COIN!	<ol style="list-style-type: none"> No coin in the disk. Disk exit is jammed. Coin track is jammed. Coin climbing belt or the friction triangle belt is broken. The set screw of the disk motor clutch loosens. 	<ol style="list-style-type: none"> Add coins to the disk and press STOP/START key to continue. Remove some coins and press STOP/START key to continue. Clear jam and press STOP/START key to continue.. Check the belts and replace them if necessary. Check the screw and tighten it.
STEP MOTOR OR SHUTTER ERROR!	<ol style="list-style-type: none"> Coin jam when accepting coins. Stacker finger collide with the stacker ball bearing holder or the shutter plate. The shutter plate cannot be opened or closed as normal. Coin accepting original point sensor broken or socket connector falls. The shutter sensor socket connector error. 	<ol style="list-style-type: none"> Remove the jammed coins. Check whether the stacker finger loosens and tighten the screw. Check whether shutter plate is jammed by coins and remove the coins if necessary. Check the connectors and test the original point. Check the connector and test the shutter sensor.
COIN ROLL GATE JAM!	<ol style="list-style-type: none"> Coin roll gate jam. Connection rod is broken. 	<ol style="list-style-type: none"> Remove the coins from the gate. Check the rod and replace it if necessary.
PAPER FEED ERROR!	<ol style="list-style-type: none"> Paper is not sent correctly Paper runs out. Paper is jammed by the paper tucker guide. 	<ol style="list-style-type: none"> Resend paper. Install paper and resend paper. Remove the jammed paper and resend paper.
COIN FEED DOOR OPEN!	<ol style="list-style-type: none"> Coin feed door open. Stopper screw is worn. 	<ol style="list-style-type: none"> Close the door. Check the screw and replace it if necessary.
UPPER DOOR OPEN!	Upper door open.	Close the door.
FRONT DOOR OPEN!	Front door open.	Close the door.
COIN DISK DOES NOT TURN!	<ol style="list-style-type: none"> Coin jam stops the disk rotation. Deformed coin or coin jam in front of the thickness adjustment block. Fuse is blown. 	<ol style="list-style-type: none"> Clear the jam. Remove the coins. Replace the fuse.

Troubleshooting Continued:

In this section will offer some support into solving issues that might occur.

Errors	Possible Reasons	Correction
REMNANT COIN DRAWER MISSING!	The drawer is not in the right position.	Close the drawer.
REMNANT COIN DRAWER IS FULL!	The remnant coin drawer is full with 400 pcs of coins	Remove the coins and close the drawer.
BATCH STOP!	Batch number is arrived.	Press CLEAR key to return.
MAIN MOTOR DOES NOT WORK!	<ol style="list-style-type: none"> 1. The main cam is jammed by coins or foreign objects. 2. Main motor broken. 3. The front door micro-switch is not closed. 	<ol style="list-style-type: none"> 1. Remove the coins or objects. 2. Replace the main motor. 3. Check the switch.
CLOCK MAIN CAM ERROR!	<ol style="list-style-type: none"> 1. Main cam sensor broken. 2. Main cam springy pin is broken. 	<ol style="list-style-type: none"> 1. Replace the sensor 2. Replace the main cam springy pin.
CLOCK MAIN MOTOR ERROR!	<ol style="list-style-type: none"> 1. Main motor encoder sensor broken. 2. The main motor encoder shakes when rotating 	<ol style="list-style-type: none"> 1. Replace the main motor encoder sensor. 2. Adjust the main motor encoder.
THICKNESS ADJUSTMENT NOT OK!	<ol style="list-style-type: none"> 1. Thickness adjusting motor is broken. 2. Thickness measuring sensor is broken. 3. Thickness parameters are not correct. 4. Coins are on the track. 	<ol style="list-style-type: none"> 1. Replace the thickness adjusting motor. 2. Replace the thickness measuring sensor. 3. Revise the thickness parameters. 4. Clear the coins on the track.
DIAMETER ADJUSTMENT NOT OK!	<ol style="list-style-type: none"> 1. Diameter adjusting motor is broken. 2. Diameter measuring sensor is broken. 3. Diameter parameters are not correct. 4. Coins are on the track. 	<ol style="list-style-type: none"> 1. Replace the diameter adjusting motor. 2. Replace the diameter measuring sensor. 3. Revise the diameter parameters. 4. Clear the coins from the track.
HEIGHT ADJUSTMENT NOT OK!	<ol style="list-style-type: none"> 1. Height adjusting motor is broken. 2. Height measuring sensor is broken. 3. Height parameters are not correct. 	<ol style="list-style-type: none"> 1. Replace the height adjusting motor. 2. Replace the height measuring sensor. 3. Revise the parameters.
PUT SLIDE TO WRAP POSITION! (*)	The slide is not in the wrap position.	Put slide to wrap position.
PUT SLIDE TO BAG POSITION! (*)	The slide is not in the bag position.	Put slide to bag position.

Daily Cleaning Procedures for the Jet Wrap

Recommended Cleaning Materials



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.

- **Microfiber towels.** (Part number: 022-2223-00.)

A dry or pre-moistened microfiber towel 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.

Daily Cleaning

1. Wipe the display with a dry or pre-moistened microfiber towel.
2. Wipe the exterior surfaces with a dry or pre-moistened microfiber towel.
3. **Use a brush or vacuum to remove debris and excess dust from the machine.**