Audit Pro 2000
Operational Manual

For use with C2000 v3.x, v4.x or v5.x

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ABOUT THIS MANUAL

This manual was designed to introduce the Audit Pro 2000 and to assist the operator with installation and programming procedures. If further assistance is needed, it can be obtained by calling Hamilton Mfg. at (800) 837-5561 or (419) 867-4858.

When calling for assistance, it is important to have the serial number readily available. Please record this number is the space provided.

AUDIT PRO 2000 SERIAL # _____

I. INTRODUCTION

The Hamilton Hand-held Audit Pro 2000 was developed to allow owners to program specific payouts and to view audit information from their change machine.

The Audit Pro 2000 uses a 4-line by 20 character LCD to display information. It also incorporates a 20-button keypad to accept input from the user. This system allows the user to tailor a change machine to meet specific needs.

The Audit Pro 2000 was designed to be carried to multiple machines or back and forth from the office. It is not necessary to leave the Audit Pro connected to the C2000. After you are finished programming payouts or viewing audits, the Audit Pro may be disconnected and taken elsewhere. **THE AUDIT PRO HAND-HELD IS TEMPERATURE SENSITIVE, DO NOT LEAVE IT IN THE MACHINE!**

WARNING: Do not unplug the AUDIT PRO 2000 without first exiting. The message "GOOD-BYE! OK TO DISCONNECT" should be on the display before disconnecting the AUDIT PRO. If the AUDIT PRO was disconnected before exiting, plug it back in and press "ESC". The MAIN MENU should appear. Press "EXIT" at the main menu to exit from the AUDIT PRO 2000.

II. INSTALLATION

If this Audit Pro 2000 was bought for use with an existing change machine, an upgraded C2000 Controller is required (v3.x ,v4.x or v5.x). The new Controller will have a 9-pin serial port. Plug the DB9 socket into the 9-pin serial port on the C2000. Turn the screws to hold the socket against the C2000. Now install the C2000 back into the change machine cabinet and attach the main harness.

Turn on the power. The C2000's green LED should come on as a steady light. (The LED may be flashing, indicating an error. If this happens, it is okay to proceed with the installation.) When the LED lights up, plug the modular jack into the Audit Pro 2000.

III. PROGRAMMING

Before programming the Audit Pro 2000, check the switch settings on the Controller. Switches H and I should be set to the ON position. If these switches are set to the OFF position, you will not be able to program the Controller. The remaining switches can be set to either position.

If you are using the 3600R Series Changer:
Depending on the manufacture of the pair of Validators you are using, the A & B switches on the front of the Controller need to be set as follows:

> Using two Mars® or two Coinco® bill acceptors:
> > **SWITCH A=ON**
> > **SWITCH B=OFF**

> Using two Hamiton STA or HVX Validators:
> > **MASTER CONTROLLER:**
> > **SWITCH A=ON**
> > **SWITCH B=ON**
> >
> > **SLAVE CONTROLLER:**
> > **SWITCH A=OFF**
> > **SWITCH B=ON**

Master Mode is used in machines that contain two Hamilton Validators. By communicating with a second Controller in the Slave Mode it controls the hopper payout for both Validators. All programming should be done to the Master Controller.

Slave Mode controls one Hamilton Validator/Stacker and communicates the payout information to the Master. It does not connect to any hoppers therefore programming payouts is not supported in this mode. In fact, connecting the hand-held to the Slave Controller is not necessary, however, it will allow the user to get a separate audit report for the one validator alone. The audit report from the Master will show the combined activity of both bill acceptors.

When the Audit Pro 2000 is plugged into the modular connector, you may hear a click. At this point, the display will be blank. Press the "ESC" button. The Audit Pro will briefly flash the message "CONNECTED TO C2000 VERSION X.X" before displaying the main menu. However, if the C2000 LED was flashing when the Audit Pro was connected, indicating an error, the message displayed will be a description of that error. For example:

> *{1, 3}   HOPPER 3*
> *EMPTY*
>
> *PRESS ESC*

The above message shows a 1.3 error code, indicating that hopper 3 is empty. (For a more detailed description of error codes, refer to the C2000 Manual.)
If you are using the 3600R Series Changer:

You will need to be certain that you are using a version 5.X Controller.
After the version is displayed, the mode will also be shown: DUALVAL, MASTER OR SLAVE. Make sure that the A & B switches are set correctly for the pair of Validators that you are using.

When you are ready to continue, press the "ESC" button on the Audit Pro. The display should now show the MAIN MENU:

<div align="center">

1 – PROGRAM PAYOUTS
2 – VIEW AUDITS
3 – CLEAR TEMP AUDITS
4 – ERROR HISTORY

</div>

Each of the above menu options is described in more detail on the following pages.

1 - PROGRAM PAYOUTS

To access the Program Payouts section, press 1 while at the main menu. At this time, you will be prompted to enter your password. If you have not yet programmed your password, use the default password, which is 123456. (You will be able to program a personal password once you reach the final screen in PROGRAM PAYOUTS. More information is provided on pg. 8.)

Once you have entered a password, the following SUB MENU screen will be displayed:

<div align="center">

1-HOPPER & MISC.
2-TARGET INPUTS
3-TIMED INPUTS
4-TOKENOTES

</div>

HOPPER & MISC.

Alternating Hopper Payout:
Alternating hopper payouts occur automatically whenever two or more hoppers contain the same coin or token type. Alternating hopper payouts purpose is to payout an equal amount of coins from each hopper so that all hoppers are available and receive the same wear and use. An example of alternating hopper payout would be if you had a three-hopper machine paying quarters out of all hoppers. If you were to run a test with three one-dollar bills you should have the following results:

1. When the first one-dollar bill is inserted, hopper #1 will payout two quarters, hopper #2 would payout one quarter, while hopper #3 would payout one quarter.
2. On the next one-dollar bill insertion, hopper #1 will payout one quarter, hopper #2 would payout two quarters, while hopper #3 would payout one quarter.
3. On the final one-dollar bill insertion, hopper #1 will payout one quarter, hopper #2 would payout one quarter, while hopper #3 would payout two quarters.

This alternating payout allows all hoppers to remain at or near the same level.

Defaulting Hopper Operation:

Defaulting hopper operation is a condition when one of the hoppers shuts down for a mechanical reason. The working hoppers will now payout the amount that the malfunctioning hopper was to have paid. This condition will continue until the reset button on the C2000 Controller is pushed. The only indication you will receive that the machine is operating in the defaulting hopper mode is that a hopper has not dispensed a proportionate amount of coins compared to the other hoppers. Try pushing the reset button on the controller, then see if the hopper starts to dispense coins. Contact customer service if one of the hoppers continues to malfunction.

Pressing 1 at the PROGRAM PAYOUTS Menu selects the HOPPER & MISC. category. The following screen will be displayed:

ENTER COIN TYPE (0-7)

HOPPER COINS
0-HOPPER UNUSED

This screen specifies the contents of HOPPER 1. To choose the type of coin being used in HOPPER 1, press the corresponding number on the Audit Pro 2000 (0 – 7).

0 – Sets HOPPER 1 to UNUSED. **(Use this setting if using a system with 1 or 2 hoppers.)**
1 – Sets HOPPER 1 to hold NICKELS.
2 – Sets HOPPER 1 to hold DIMES.
3 – Sets HOPPER 1 to hold QUARTERS.
4 – Sets HOPPER 1 to hold SBAs (Susan B Anthony) or other $1.00 coins.
5 - Sets HOPPER 1 to hold TOKEN A.
6 - Sets HOPPER 1 to hold TOKEN B.
7 - Sets HOPPER 1 to hold TOKEN C.

Press the RIGHT ARROW key to scroll to the HOPPER 2 contents. **If you are using a 1 hopper change machine, HOPPER 2 COINS should be set to zero.** Press the RIGHT ARROW key again to scroll to the HOPPER 3 contents. **If you are using a 1 hopper change machine, do not press 0. This is the main hopper of any change machine, therefore, a number other than 0 must be assigned to HOPPER 3.**

Press the RIGHT ARROW key to scroll to the next setting. The following screen will appear:

DEFAULT PAYOUTS   Y/N

Pressing "Y" or "N" on the Audit Pro 2000 will determine whether or not the hopper(s) return change to a customer when a target price has not been reached. Pressing "Y" will enable the hopper to default to this type of payout. The payout will occur after 9 seconds (or the Delay time programmed) of inactivity. At least 1 non-token hopper must be in use for this feature to work. For example, a customer has inserted $2.00 for a $3.00 Token. If, after 9 seconds, the customer has not inserted one more dollar, the hoppers will dispense $2.00 worth of change back to the customer. If "N" was selected for the DEFAULT PAYOUTS setting, then the $2.00 will be held in escrow indefinitely.

NOTE: If you do not wish to use your machine as a changer, then the default setting should be set to "N". Otherwise, the hopper(s) may be

depleted of coins more quickly than desired.

Press the RIGHT ARROW key to scroll to the next setting. The following screen will appear:

DEFAULT DELAY
ENTER TIME (SECONDS)
BETWEEN 5 AND 30

This programs the time the Controller waits after the last activity before it attempts to pay back (the best it can) if the target price is not met. Enter the desired time in seconds between 5 and 30.

Press the RIGHT ARROW key to view the next screen:

MACHINE #   0

This screen allows you to assign a machine number, which will appear on the printout. This can be done for each machine, making it easier to keep track of totals. Up to three numbers can be used.

To program a personal password or to change an existing password, press the RIGHT ARROW key while viewing the above screen. The following screen will appear:

TO CHANGE PASSWORD

ENTER OLD PASSWORD:

Enter the old password to view the following screen:

TO CHANGE PASSWORD

ENTER NEW PASSWORD:

You can use up to six numbers for your personal password. Please record this number in a safe place so that you will not forget it. Once you have entered the new password, the following screen will be displayed:

PASSWORD CHANGED!

This screen will be displayed briefly before automatically advancing to the next screen:

CLEAR TEMP TOTALS
AFTER PRINTOUT?

NO

If you wish to automatically clear all temporary totals after receiving a printout, press "Y" for YES. If you do not wish to clear these totals immediately following a printout, press "N" for NO.

When programming is completed, press the "ESC" button to return you to the SUB MENU.

TARGET INPUTS

Pressing 2 will select the TARGET INPUTS category. The following screen will be displayed:

> *ENTER TARGET INPUT 1*
> *(IN CENTS)*
>
> *CENTS: 0*

This is the first target price. When a target price is reached, a payout will immediately follow. The amount of the target price needs to be entered in cents. For example, if a payout is desired for $2.00, enter 200. When you have entered the desired amount, press the RIGHT ARROW key to take you to the next screen.

> *HOPPER X COINS*
> *FOR (CENTS):   XXX*
>
> *COINS: 0*

This screen shows how many coins will dispense from HOPPER X when the target price of XXX has been reached. Simply type in the number of coins that you wish to dispense from HOPPER X, then press the RIGHT ARROW key. The screen will automatically show the next hopper. (If any hoppers were labeled as "UNUSED" in the ENTER COIN TYPE screen, they will not show up here.) Continue until all of the hoppers have been set, then press the RIGHT ARROW key to scroll to the next TARGET INPUT screen.
EXAMPLE - To set the payout for the target price of $2.00, follow the steps below:

- TARGET INPUT: To set a payout for $2.00, enter 200
- HOPPER 1 COINS: To dispense 1 coin, enter 1.
- HOPPER 2 COINS: To dispense 4 coins, enter 4.
- HOPPER 3 COINS: To dispense 2 coins, enter 2.

You have now programmed the Controller to payout 1 coin from hopper 1, 4 coins from hopper 2, and 2 coins from hopper 3 whenever $2.00 is received as payment.

Up to nine different target inputs may be entered. Press the RIGHT ARROW key to scroll past all unused target inputs. Check to make sure that the unused target inputs are set to zero as you scroll past them.

> **NOTE: If the amount of credit that a customer has deposited does not match any of the target payouts that were programmed, then the Controller will wait 9 seconds (or the programmed default delay) for the customer to deposit more money. If, after 9 seconds, the customer has not deposited more money, the Controller will payout for the closest target price that was programmed. (This must be less than what the customer has deposited.) For example, $2.00, $6.00 and $10.00 are programmed as the target payouts. A customer deposits $7.00. After 9 seconds of waiting for more money to be deposited, the Controller pays out for the $6.00 target. The remaining $1.00 is either held in escrow, or paid back to the customer in change, depending on the DEFAULT PAYOUTS setting.**

When finished, press "ESC" to return to the SUB MENU.

TIMED INPUTS

Pressing 3 selects the Timed Inputs category. The following screen will be displayed:

> *ENTER TIMED INPUT   1*
> *(IN CENTS)*
>
> *CENTS: 0*

Timed inputs are generally used with systems incorporating all tokens. A timed input is very similar to the DEFAULT PAYOUTS described earlier. However, with a timed input, token coins are paid back to a customer (instead of change) when a target price has not been reached. Therefore, a non-token hopper is not needed.

There are four possible timed inputs that may be entered. After 9 seconds (or the programmed default delay time) of inactivity, the timed inputs are checked. For example, three tokens are programmed to dispense upon receiving $2.00. However, a customer only deposits $1.00. A timed input was programmed for $1.00 to dispense one token. The Controller will wait 9 seconds for the customer to deposit another $1.00. If the customer does not do so, the Controller will dispense one token. To scroll through each of the four timed inputs, use the RIGHT ARROW key. When finished, press "ESC" to return to the SUB MENU.

TOKENOTES

Pressing 4 selects the TOKENOTES category. The following screen will be displayed:

> *TOKEN PAYOUT FOR*
> *TOKENOTE*
> *HOPPER 1 COINS*
> *COINS: 0*

The Tokenote® category is used to program the number of token coins to be dispensed for each Tokenote®. The Audit Pro allows up to five different Tokenote® payouts. These five Tokenotes® are categorized as COUPON 1 through COUPON 4. Audits are kept on the number of Tokenotes® received for each category. (Refer to the next section, VIEW AUDITS, for information on viewing these totals.)

NOTE: When accepting Tokenotes®, you must also dispense tokens.

Press "ESC" twice to return to the MAIN MENU.

2 – VIEW AUDITS

Press 2 at the MAIN MENU to view all audit information.

The order of the audits is as follows:

NICKEL => DIME => QUARTER => $1.00 => $1 COIN => $2.00 => $2 COIN => $5.00 => $10.00 => $20.00 => HOP1 => HOP2 => HOP3 => TOKENOTE => COUPON 1 => COUPON 2 => COUPON 3 => COUPON 4

To better help you view the audit information, it is important to keep the following in mind. The LEFT ARROW key may be pressed at any time to go to the previous audit. When you are at the last audit (COUPON 4) and the RIGHT ARROW key is pressed, the audits wrap around to the beginning and the NICKEL audits are displayed. To leave the audits and return to the MAIN MENU, press the "ESC" button on the Audit Pro.

It is also helpful to understand the difference between TEMP TOTALS and PERM TOTALS. TEMP TOTALS are the totals accumulated since the last time the audits were cleared. The PERM TOTALS are the non-resettable totals accumulated during the life of the Controller while in that machine.

The first group of information that appears in VIEW AUDITS is for the nickel. The screen should look like this:

> *NICKEL TOTAL   XXX*
> *NICKEL VALUE $XX.XX*
> *PERM TOTAL   XXXX*
> *PERM VALUE $XXX.XX*

- **NICKEL TOTAL** is the total number of nickels taken in.
- **NICKEL VALUE** is the monetary value of those nickels. For example, if NICKEL TOTAL were 20, NICKEL VALUE would be $1.00. These two totals may be reset to zero by choosing Item 3 from the MAIN MENU.
- **PERM TOTAL** and **PERM VALUE** are the permanent (or non-resettable) nickel totals. These are the accumulated totals.

Use the RIGHT ARROW key to scroll through the next seven audits (DIME, QUARTER, $1.00, $2.00, $5.00, $10.00, and $20.00).

The next three audits are dispensed coin totals (HOP1, HOP2, and HOP3). These show the number of coins that have been dispensed from each hopper. The screen for HOP1 should look like this:

> *HOP1 TOTAL   XXXXX*
> *HOP1 VALUE $XX.XX*
> *PERM TOTAL   XXXX*
> *PERM VALUE $XXX.XX*

- **HOP1 TOTAL** is the total number of coins that dispensed from hopper 1.
- **HOP1 VALUE** is the monetary value of those coins. For example, if hopper1 holds quarters, and 80 coins dispensed, then the HOP1 VALUE would be $20.00.
- **PERM TOTAL** and **PERM VALUE** are the permanent (or non-resettable) totals. These are the accumulated totals.

Press the RIGHT ARROW key to view the last audits, which are for Tokenotes® (TOKENOTE through COUPON 4). The following screen will be displayed:

> *TOKENOTE*
>
> *T-NOTE TOTAL   X*
> *PERM TOTAL   X*

- **T-NOTE TOTAL** is the total number of Tokenotes® received.
- **PERM TOTAL** is the non-resettable total. This is an accumulated total.

To leave VIEW AUDITS and return to the MAIN MENU, press the "ESC" button.

3 – CLEAR TEMP AUDITS

Press 3 to enter this category.
You will be prompted to enter your password. After entering your password, the following screen will be displayed:

CLEAR TOTALS?

ARE YOU SURE?   (Y/N)

Pressing "Y" on the Audit Pro will reset all of the temporary totals to zero and return you to the MAIN MENU. Pressing "N" on the Audit Pro will return you to the MAIN MENU and leave the audit totals unaffected.

4 – ERROR HISTORY

To view the error history information, press 4 while at the MAIN MENU. The following screen will be displayed:

{1,1}   HOPPER 1
EMPTY

TOTAL: XXX

This is the total number of times that the Controller has shut down due to a 1.1 error code (hopper 1 empty). The RIGHT ARROW and LEFT ARROW keys may be used to scroll through all of the different error codes. To leave error histories and return to the MAIN MENU, press the "ESC" button on the Audit Pro.

> **NOTE: The error history information will mainly be used by Hamilton's repair department to help diagnose and solve Controller problems. The user will most likely never need this information.**

EXITING

To exit from the Audit Pro 2000, press the "EXIT" button while at the MAIN MENU. The following screen will be displayed:

** WARNING! **
SWITCHES H&I SHOULD
BE TURNED BACK OFF.
* PRESS 'ESC' *

Once the 'ESC' key is pressed, the following screen will be displayed:

GOOD-BYE !

OK TO DISCONNECT.

The Controller will perform a reset and any changes that were made will be in effect. The C2000 Controller's green LED should go out for a couple of seconds and then come back on as a steady light. The changer is now ready to accept bills.

IV. ERROR CODES

The status of the bill changer is indicated by the green LED on the face of the Controller. When the LED is lit constantly, it is indicating that everything is normal. An LED that remain off indicates no power or a major failure.

When a fault is detected the green LED will begin a sequence of flashes. The sequence of flashes indicates which error was detected. To read an error code, watch the flashing LED. Note that there is a series of flashes, a short pause, another series of flashes, then a long pause. Wait until after the long pause, count the number of flashes, wait while the LED pauses briefly, then count the next series of flashes. The possible errors and their codes are listed below.

> **NOTE: The Audit Pro will also show the error code and a brief description of the error. you must connect the Audit Pro and press 'ESC' while the Controller's LED is flashing.**

Always note the error code before attempting any service or before contacting Hamilton.

To acknowledge an error code and attempt to resume normal operation, press the Controller Reset Button on the face of the Controller.

ERROR CODES	
1 FLASH, PAUSE, 1 FLASH	HOPPER 1 EMPTY
1 FLASH, PAUSE, 2 FLASHES	HOPPER 2 EMPTY
1 FLASH, PAUSE, 3 FLASHES	HOPPER 3 EMPTY
1 FLASH, PAUSE, 4 FLASHES	ALL ALTERNATING-DEFAULTING HOPPERS ARE EMPTY
2 FLASHES, PAUSE, 1 FLASH	HOPPER 1 JAMMED
2 FLASHES, PAUSE, 2 FLASHES	HOPPER 2 JAMMED
2 FLASHES, PAUSE, 3 FLASHES	HOPPER 3 JAMMED
3 FLASHES, PAUSE, 1 FLASH	NICKEL INPUT STUCK
3 FLASHES, PAUSE, 2 FLASHES	DIME INPUT STUCK
3 FLASHES, PAUSE, 3 FLASHES	QUARTER INPUT STUCK
3 FLASHES, PAUSE, 4 FLASHES	$1 INPUT STUCK
3 FLASHES, PAUSE, 5 FLASHES	$5 INPUT STUCK
4 FLASHES, PAUSE, 1 FLASH	HOPPER 1 COIN DROP STUCK
4 FLASHES, PAUSE, 2 FLASHES	HOPPER 2 COIN DROP STUCK
4 FLASHES, PAUSE, 3 FLASHES	HOPPER 3 COIN DROP STUCK
5 FLASHES, PAUSE, 1 FLASH	UNEXPECTED HOPPER 1 PAYOUT
5 FLASHES, PAUSE 2, FLASHES	UNEXPECTED HOPPER 2 PAYOUT
5 FLASHES, PAUSE, 3 FLASHES	UNEXPECTED HOPPER 3 PAYOUT
6 FLASHES, PAUSE, 1 FLASH	STACKER BUSY TIMEOUT
6 FLASHES, PAUSE, 2 FLASHES	INVALID PAYOUT SWITCH SETTING
6 FLASHES, PAUSE, 3 FLASHES	MEMORY DATA ALTERED
6 FLASHES, PAUSE, 4 FLASHES	TIMEOUT FOR VALIDATOR TO ADVANCE BILL (DUAL STACKER)
6 FLASHES, PAUSE, 5 FLASHES	VALIDATOR SHUT DOWN ERROR
7 FLASHES, PAUSE, 2 FLASHES	POWER LOSS DURING VEND
7 FLASHES, PAUSE, 3 FLASHES	INVALID TOKENOTE CODE
7 FLASHES, PAUSE, 4 FLASHES	MASTER SLAVE COM ERROR

V. CONFIGURATION SWITCHES

The configuration switches are located on the underside of the Controller. These switches are set at the factory and should not be changed unless instructed to do so by a representative of Hamilton Mfg. Corp. These switches tell the Controller what equipment is connected to the system. The diagrams below show the different options.

Operating Mode
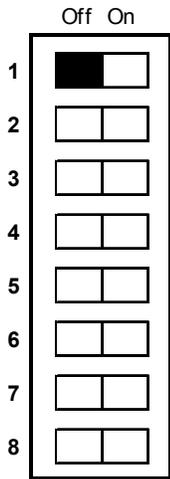
Normal Operating Mode
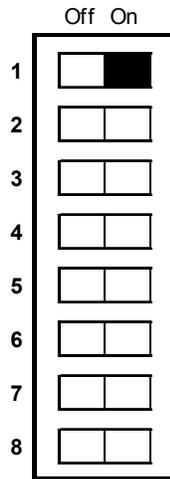
Diagnostic Mode
(Never turn switch 1 on!)

Stacker Type
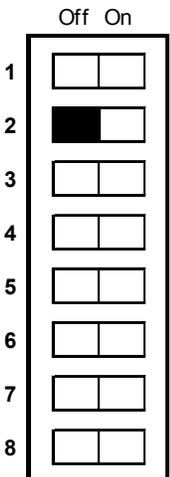
Single Stacker
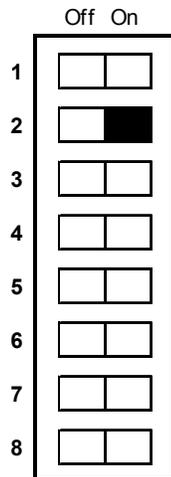
Dual Stacker

Coin Mech Selection

No Coin Mech or IDX

Off On
	Off	On
1		
2		
3	■	
4	■	
5		
6		
7		
8		
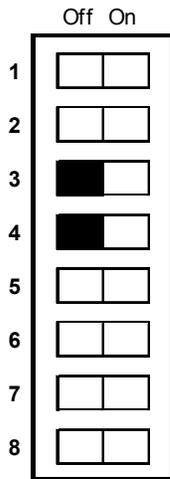
No Coin Mech
or IDX

Coinco I

Off On
	Off	On
1		
2		
3		■
4	■	
5		
6		
7		
8		

Coinco I

Coinco II

Off On
	Off	On
1		
2		
3	■	
4		■
5		
6		
7		
8		

Coinco II

Slugbuster

Off On
	Off	On
1		
2		
3		■
4		■
5		
6		
7		
8		
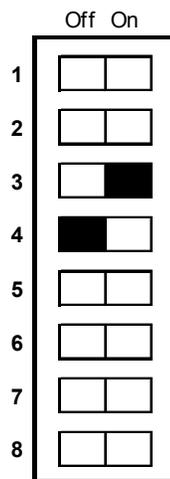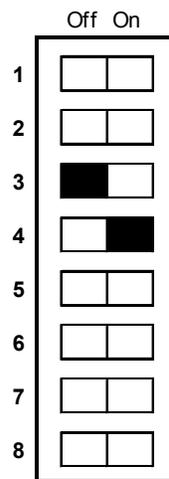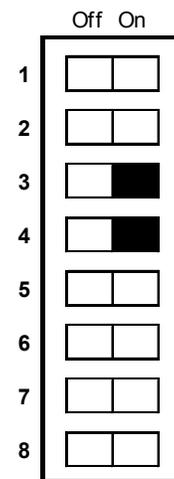
Slugbuster

Hopper Type

HSH Hopper

Off On
	Off	On
1		
2		
3		
4		
5	■	
6		
7		
8		

HSH Hopper

HGP Hopper

Off On
	Off	On
1		
2		
3		
4		
5		■
6		
7		
8		
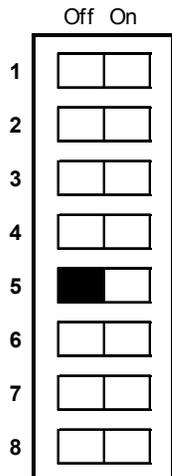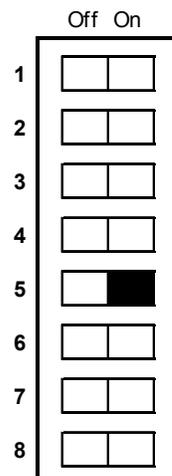
HGP Hopper

LIMITED WARRANTY AGREEMENT
OF HAMILTON MANUFACTURING CORP.

Hamilton Manufacturing Corp., an Ohio Corporation, ("Seller") warrants to Purchaser that all new equipment shall be free from defects in material and factory workmanship for a period of one (1) year from the original shipping date. Hamilton Manufacturing Corp. further warrants if any part of said new equipment in Seller's sole opinion, requires replacement or repair due to a defect in material or factory workmanship during said period, Seller will repair or replace said new equipment. Purchaser's remedies and the liabilities and obligations of Seller herein shall be limited to repair or replacement of the equipment as Seller may choose, and Seller's obligation to remedy such defects shall not exceed the Purchaser's original cost for the equipment. Purchaser EXPRESSLY AGREES this is the EXCLUSIVE REMEDY under this warranty. There are no other express or implied warranties which extend beyond the face hereof. All warranty repair service must be performed by either a Factory Trained Service Representative or **HAMILTON MANUFACTURING CORP., 1026 Hamilton Drive, Holland, Ohio 43528 PHONE (419) 867-4858 or (800) 837-5561, FAX (419) 867-4867.**

The limited warranty for new equipment is conditioned upon the following:

1.   The subject equipment has not, in the Seller's sole opinion, been subjected to: accident, abuse, misuse, vandalism, civil disobedience, riots, acts of God, natural disaster, acts of war or terrorism.
2.   The Seller shall not be liable for any expense incurred by Purchaser incidental to the repair or replacement of equipment and Purchaser shall assume full responsibility for any freight or shipping charges.
3.   The coverage of this warranty shall not extend to expendable parts.
4.   Purchaser shall have a warranty registration card on file with Seller prior to any claim in order for warranty protection to apply.
5.   No warranty coverage is applicable to any equipment used for currency other than that specified at the time of the purchase.
6.   Seller expressly disclaims any warranty that counterfeit currency will not activate said equipment.
7.   Seller expressly disclaims any warranty for any losses due to bill manipulation or theft or loss of cash under any circumstances.
8.   Use of the equipment for anything other than its intended and designed use will void the Limited Warranty Agreement. Use of equipment for anything other than its intended and designed use includes, but is not limited to, downloading software/applications not certified by Seller such as e-mail, spyware, screen savers, viruses, worms, third party software, web search engines, cookies, spam, desktop applications, games, web surfing, etc.

Seller further warrants all repair or service work performed by a factory trained representative or Hamilton Manufacturing Corp. for a period of ninety (90) days from the date the repair or service work was performed. Purchaser's remedies and the liabilities and obligations of Seller herein shall be limited to repair or replacement of equipment as Seller may choose, and Seller's obligation to remedy such defects shall not exceed the Purchaser's depreciated value of the equipment. Purchaser EXPRESSLY AGREES this is an EXCLUSIVE REMEDY under this warranty. There are no other express or implied warranties on repair or service work performed by a factory trained representative or Hamilton Manufacturing Corp. which extend beyond the face hereof.

The limited warranty for repair and service work is conditioned upon the following:

1. The subject equipment has not, in the Seller's sole opinion, been subjected to: accident, abuse, misuse, vandalism, civil disobedience, riots, acts of God, natural disaster, acts of war or terrorism.

2. The Seller shall not be liable for any expense incurred by Purchaser incidental to the repair or replacement of equipment and Purchaser shall assume full responsibility for any freight or shipping charges.

3. The coverage of this warranty shall not extend to expendable parts.

4. Purchaser shall have a warranty registration card on file with Seller prior to any claim in order for warranty protection to apply.

5. No warranty coverage is applicable to any equipment used for currency other than that specified at the time of the purchase.

6. Seller expressly disclaims any warranty that counterfeit currency will not activate said equipment.

7. Seller expressly disclaims any warranty for any losses due to bill manipulation or theft or loss of cash under any circumstances.

8. No person or entity other than a factory trained representative or Hamilton Manufacturing Corp. has performed or attempted to perform the subject repair or service.

9. Using equipment which has been serviced or repaired for anything other than its intended or designed use such as downloading software applications not certified by Seller will void the Limited Warranty Agreement. This includes software/applications such as e-mail, spyware, screen savers, viruses, worms, third party software, web search engines, cookies, spam, desktop applications, games, web surfing, etc.

THIS AGREEMENT IS MADE WITH THE EXPRESS UNDERSTANDING THAT THERE ARE NO IMPLIED WARRANTIES THAT THE EQUIPMENT SHALL BE <u>MERCHANTABLE</u>, OR THAT THE GOODS SHALL BE <u>FIT FOR ANY PARTICULAR PURPOSE</u>. PURCHASER HEREBY ACKNOWLEDGES THAT IT IS NOT RELYING ON THE SELLER'S SKILL OR JUDGMENT TO SELECT OR FURNISH EQUIPMENT SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THAT WHICH IS DESCRIBED HEREIN.

The Purchaser agrees that in no event will the Seller be liable for direct, indirect, or consequential damages or for injury resulting from any defective or non-conforming new, repaired or serviced equipment, or for any loss, damage or expense of any kind, including loss of profits, business interruption, loss of business information or other pecuniary loss arising in connection with this Limited Warranty Agreement, or with the use of, or inability to use the subject equipment regardless of Sellers knowledge of the possibility of the same.

Hamilton Manufacturing Corporation

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