High Speed Coin Counter

Operation Instructions

MAGNER 926

Content

High speed coin counting operation instructions

Introduction

The coin counter is a heavy duty, high speed coin counting machine. Before operating the machine, please read this manual carefully. Do not operate the machine until you understand the contents of this document.

Should you have any questions, please contact local distributor or sales agent for further advice.

Hopper Extender

Hopper

Diameter Adjusting Knob

Thickness Adjusting Knob

Upper Cover

Key Panel

Side Cover

Power Switch

Bottom Cover

Cover Open Lever

Coin Outlet

Rejected Coin Box

Specifications

Counting Speed ………	2300 Coins/Min.(Max)
	(for coins with a diameter of 15 mm or .5906 inches)
Hopper Capacity ………..	3000 pcs. (Max)without the Hopper extender installed
	9000 pcs (Max) with the Hopper extender installed
	(for coins with a diameter of 15 mm or .5906 inches and a thickness of 1.1 mm or .0433 inches)
Countable Coin Size ……	Thickness:0.7 to 3.9 mm
	Diameter :14 to 34 mm
Max Counting Display …	999999
Power Consumption ….	70 W
Power Requirements….	AC 120V ± 10%, 60Hz
	or AC 220V ± 10%, 50Hz
Dimension ……………….	270 (w) x 362 (d) x 235 (h) mm
Net Weight ……………….	11 kg

Key Panel
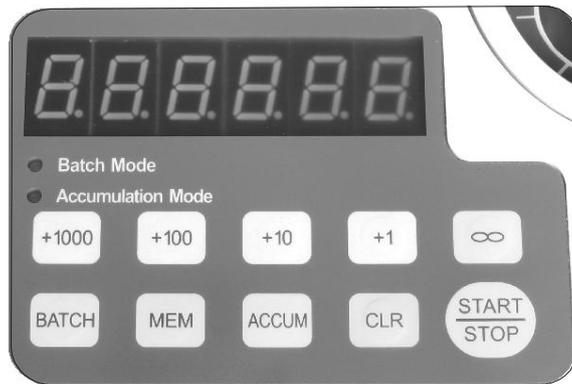
Key Function

Key	Function Description
Start/Stop	The machine will start counting or stop counting.
CLR	Clear the present count number.
ACCUM	Select the accumulation mode on or off. In the Accumulation Counting mode , the LED indicator of the Accumulation Mode will be on.
MEM	Add the present count number into memory .Press and hold this key for five second, the display will show the count number in the memory and clear the memory
BATCH	Select the preseted batch counting number
∞	Enter into the Continuous Counting Mode.
+1	Increase the batch number by one.
+10	Increase the batch number by ten.
+100	Increase the batch number by hundred.
+1000	Increase the batch number by thousand.

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Precautions

- Before putting the coins into the Hopper, please remove all paper scraps, lint, rubber bands, etc., which may be mixed with the coins.

- Foreign objects may cause jamming or faulty counting.

- Do not open the Top Cover when coins are in the Hopper.

- When using a bag to collect coins, please place the bottom of the coin bag on the floor, or on a stand, to prevent the machine from tipping over.
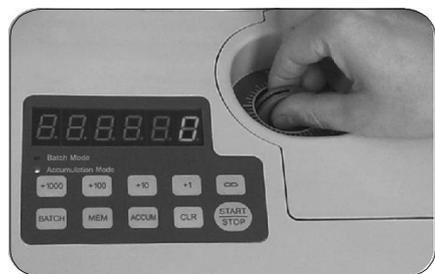
Operation Procedures

- If you have a large quantity of coins to be counted, install the Extended Hopper (supplied).
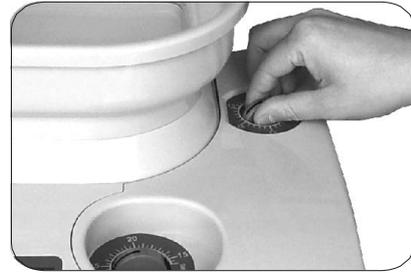
- Turn on the power switch, the display will show "0", the machine is ready to start counting.

- Set the Coin Diameter Adjusting Knob to the desired denomination according to the diameter of the coin.

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- Set the Coin Thickness Adjusting Knob to the desired denomination according to the thickness of the coin.

- Fix a coin bag, or a coin tube onto the Coin Outlet Attachment. Install the Coin Reject Box onto the side of the machine.

- Put the coins into the Hopper and press START/STOP key. Counting will begin. The machine will stop automatically reverse for 1 second and continue counting in following conditions:
  There are objects jamming in the passage which caused the counting sensor not to find any coin in 3 seconds;
  All the coins in Hopper are counted out and caused the counting sensor not to find any coin in 3 seconds;
  After reverse, the machine will continue counting again, if the counting sensor can not find any coin in 3 seconds again, the machine will reverse and stop automatically;
  When the count total reaches the batch quantity, the machine will stop immediately.

- If the present counting should be stopped halfway, press START/STOP key, the counting will stop. With START/STOP key pressed again, the machine will restart. The previous counts are retained and new count will be added to them.

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- When counting is completed, press CLR key to clear the display. The count display will revert to "0". Or press MEM key to add the count total into memory. The count will be added into memory and the count display will be cleared to zero. Press and hold MEM key for five seconds and the display will show the total count stored in memory.

Accumulation Mode :

Press the ACCUM key to activate or deactivate the Accumulation Counting Mode.In the Accumulation counting mode, the LED indicator of the Accumulation Mode will be on, and the count for the current batch of coins will be accumulated or added to the previous total.
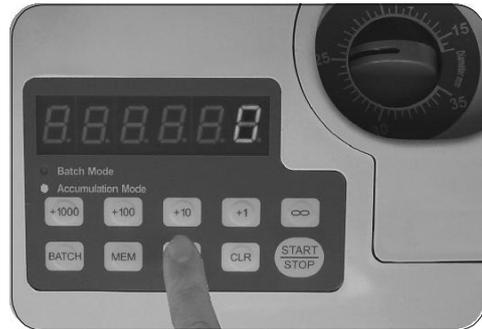
Batch Mode :

Press BATCH key, the LED indicator of the Batch Mode will be on. The default batch quantities are: 20, 25, 40, 50, 1000, 2000, 2500, 4000, 5000, and 10000. By pressing +1000 , +100 , +10 , +1 keys, you can adjust the batch quantity to desired number. The default batch quantities can be changed as following steps:

- Press both Batch key and MEM key, then turn on the power, the machine will enter into the "batch changing mode" and the display show "bAt- SEt";

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• Press Batch key to select the Memorized default batch quantities which you want to change; Change the selected default batch quantities by pressing +1000 , +100 , +10 , +1 key.
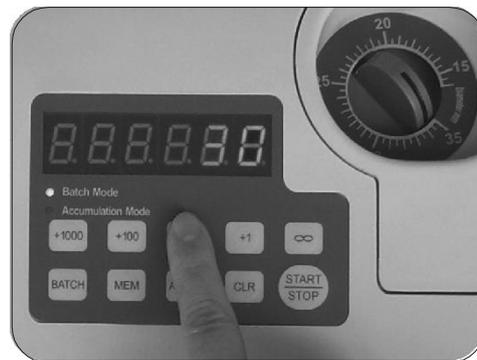
Press MEM key, save the amended default batch quantities in the memory, the previous default batch quantities will be replaced;

• Turn off the power and turn on again, check if the default batch quantities have been changed correctly.

Reject small coins mixed

Before putting the coins into the Hopper, please remove all paper scraps, lint, rubber bands, etc., which may be mixed with the coins. Foreign objects may cause jamming or faulty counting.

- Set the Coin Diameter Adjusting Knob and the Coin Thickness Adjusting Knob according to the size of the coins to be counted.

- If a few small coins are mixed with the coins, install the Coin Reject Box onto the side of the machine.

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- If the Coin Reject Box can not afford the quantity of rejected small coins, you can install the Coin Reject Coin Bag Attachment onto the side of the machine, then install the Coin bag on it.

- Put the coins into the Hopper and press the START/STOP key to start the counting. After the machine completes counting, all the small coins will be rejected into the Coin Reject Box or the Reject Coin bag.

- If there are bigger coins mixed with coins to be counted, the bigger coins possibly jam in the inlet of the coin passage and cause the reverse or abnormal stop, in that case, take out the jammed bigger coin manually, and continue counting.

  If there are too many bigger coins mixed, set the Thickness Adjusting Knob and Diameter Adjusting Knob according to the bigger coins, and count the bigger coins first.
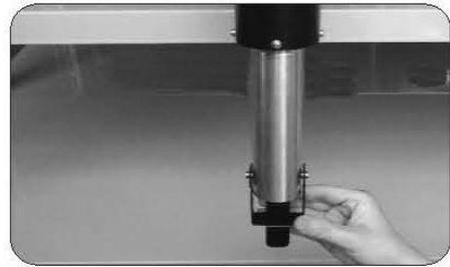
Set up the Coin Tube Holder (option)

Unscrew the knob.

- Attach the Coin Tube Holder, replace knob to lock into place.

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- Attach the Coin Wrapper Stopper hooks on.

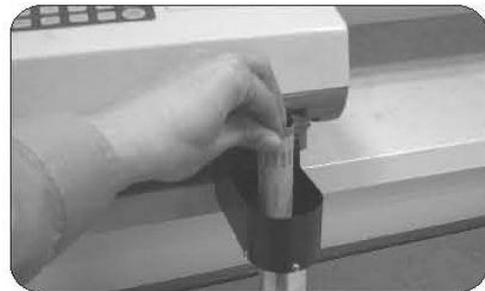- Select the Coin Interior Tube and Paper Tube according to the denomination of the counted coins.
  Drop the Coin Interior Tube down into the Tube Holder.

- Put the Paper Tube into the Coin interior Tube and fall on the Coin Wrapper Stopper.

- According to the coin quantity of each paper tube, select the batch quantity (in batch counting mode), then start counting. The machine will stop when the count total reaches the batch quantity. All the counted coins will drop into the Paper Tube, push the Coin Wrapper Stopper, backward, take out the Paper Tube and envelop it.

Troubleshooting

- **Coin Runway Jamming:**
  When coins are jammed in the coin runway of the machine, rotate the diameter knob counter-clockwise to release the left guide plate. The jammed coin will fall into the Rejected Coin Box, and then you can re-adjust the diameter knob again.
- **Centrifugal Disc Jamming:**
  If foreign objects are mixed with coin in the Hopper, jamming may occur between the Centrifugal Disc and the Coin Guide Plate.

- Remove all the coins in the Hopper, and open the Top Cover by pulling the Cover Open Lever towards you.
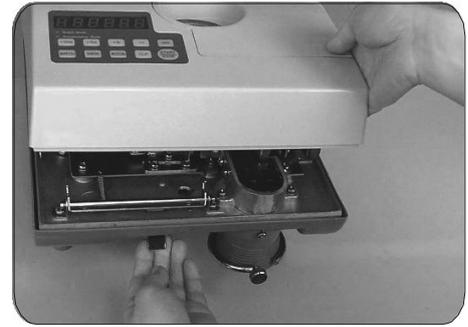
- Then, pull up the Front Feed Pulley Arm and push & pull the Lock Plate upward to remove the foreign objects.(There is a diagram on the Side Cover to show how to open it.)
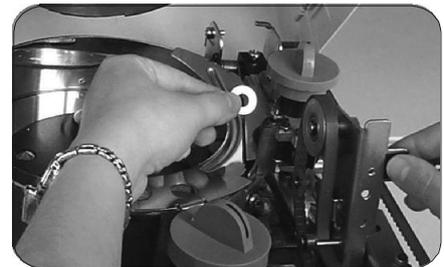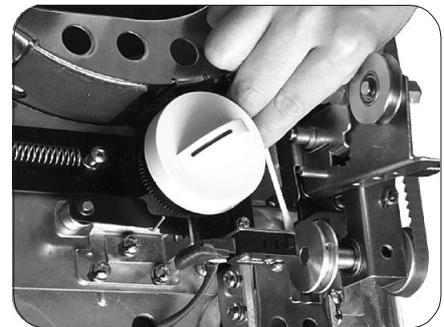
Restore the thickness adjustment Block and Front Feed Pulley Arm, close the Top Cover.

The LED display "JA":

If the counting sensor is covered by dust, the LED will display "JA", please remove the V-Belt, clear the counting sensor using a cotton stick with denatured alcohol.

Daily Maintenance

· Be sure to turn the main power off before attempting daily maintenance.

· Clean the coin runway and the counting sensor at least once a day with a brush.

· Check whether the feed belt is dirty or worn. If it is dirty, clean it using a piece of soft cloth saturated with denatured alcohol. If it is worn, replace it with a new belt.

· If the machine requires service or additional repair parts, please contact your local distributor.

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How to replace the V-belt

- Open the upper cover, pull the Front Feed Pulley Arm upward, then remove the V-Belt 322 and V-belt 564 from the machine, then, put on a new V-Belt on the Pulleys.

- The tension of the Feed Belt 322 can be adjusted by adjusting the position of the nut①.
- The height of the Front Feed Pulley can be adjusted by adjusting the position of screw①.
- The height of the Rear Feed Pulley can be adjusted by adjusting the position of the screw②.
- Then tighten the nut①, nut② & nut③.

- Remove the Rubber Washer on the Plastic Pedal; unscrew the four screws in the Plastic Pedal.
- Unscrew the screw 1 and screw 2, rotate the Coin outlet Chute, then you can screw off it from the machine.
- Pull the Bottom Cover upward; remove the Bottom Cover from the machine.

- Remove the V-belt 350 and fix a new belt on the pulley, the tension can be adjusted by adjusting the position of the Pressure Roller Base.
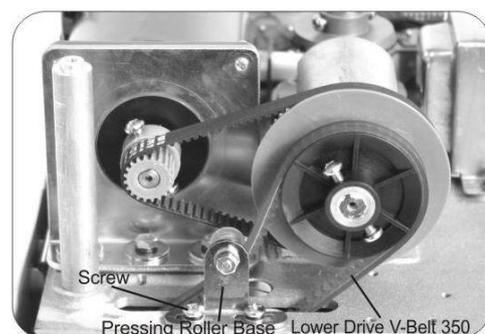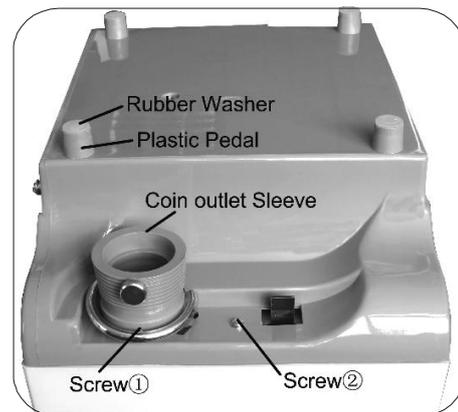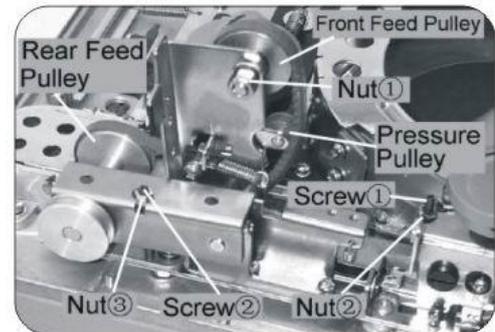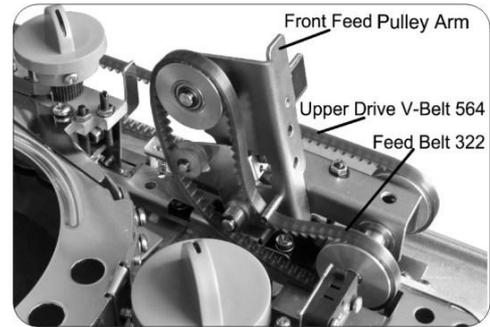
*** In the interests of our policy of continual product improvement, specifications are subject to change without notice ***