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# **Air Paper Jogger AJ-700**

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## **Operation Manual**

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Keep this manual at hand where it can be referenced at any time.

June 25, 2004

# Introduction

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Thank you for purchasing this product.

Please carefully read this Operation Manual for use.

Be sure to read “Safety Instructions” before use.

Keep this Operation Manual in a specific place for handy reference.

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# 1. Safety Instructions (Be sure to observe these)

The following explains what must be observed for preventing bodily injury of user or others, and damage to property.

## Safety Instructions

Definition of Symbols and Notes

In this manual, the following words and symbols denote possible danger.



### Danger

This symbol stands for immediate danger threatening the life and health of persons. Disregarding these instructions may cause severe damage to health and even serious injury.












### Caution

This symbol stands for an endangering situation that may occur. Disregarding these instructions may lead to minor injury or damage to property.



### Note

This symbol stands for notes, operational hints, and other useful information. They are convenient for exploiting the machine's functional abilities.

 <b>Danger</b>	
 <p>Do not place receptacles containing water on the machine. If water is spilled, it may cause fire or an electrical shock.</p> <p>禁止</p>	 <p>Do not put any foreign object, such as metal, or inflammable thing inside the machine. It may cause fire or an electrical shock.</p> <p>禁止</p>
 <p>Do not touch any revolving part of the machine with a hand, or reach a hand into the machine. It may cause a bodily injury.</p> <p>接触禁止</p>	 <p>Do not remove the machine cover, back cover, etc. There are parts with very high in voltage that may cause an electrical shock.</p> <p>分解禁止</p>
 <p>Do not dismantle, remodel, or repair the machine. It may cause fire, electrical shock, or bodily injury. If repair is required, contact your dealer.</p> <p>分解禁止</p>	 <p>Do not use any other voltage than AC100V. Doing so could cause fire or an electrical shock.</p> <p>禁止</p>
 <p>Do not put the machine close to heating equipment. The machine cover or the coating of power code melts. It may cause fire, electrical shock, or bodily injury.</p> <p>禁止</p>	 <p>Do not use inflammable spray inside or near the machine for cleaning or the like. As gas, which fills the interior, it may ignite and cause a fire or explosion.</p> <p>禁止</p>



## Danger



強制

Apply the power supply of the designated voltage, and independently use the wall outlet with a proper rated current specified in the serial plate.

If the outlet is used concurrently with other equipment, the branched part of the outlet could overheat and cause fire.



強制

If dust is on prongs or prong fitting part of the power plug, wipe the dust off with a dry cloth. It may cause fire.



電源プラグを抜く

Should any foreign substance, such as metal, water, etc., get inside the machine, be sure to turn off the power first, and then disconnect the power plug from the outlet.

If the machine is used as it is, it may cause fire or an electrical shock. Contact your dealer immediately.



禁止

Do not do anything that may damage the power cord or power plug.

(Do not scratch, process, forcibly bend, twist, or pull it, or place heavy object on it, or bundle it.)

Doing so could cause a fire or an electrical shock.



強制

When disconnecting the power plug from the outlet, be sure to grip the plug itself.

Pulling the power cord may damage the cord, which could cause a fire or an electrical shock.



禁止

Do not unplug the power plug with wet hands.

It may cause an electrical shock.



電源プラグを抜く

Be sure to turn off the power first and pull the power plug from the outlet when cleaning the machine.

The machine may be operated by mistake, causing a bodily injury.



アース線接続

Be sure to connect a ground wire.

If an electric leak occurs, it may cause fire or an electrical shock.



## Caution



電源プラグを抜く

When the jogger will not be used for several days, such as during consecutive holidays, etc., be sure to unplug the power cord from the outlet for safety's sake.

Due to deteriorated insulation, it may cause an electric fire.



強制

Place the machine on a level and stable table or floor with enough space,

otherwise the machine may fall, which could result in bodily injury.



禁止

Do not place the machine in a humid place or where it could get wet.

Doing so could cause the insulation to deteriorate and cause an electrical shock or fire.



電源プラグを抜く

Be sure to remove the power plug from the outlet when moving the machine,

otherwise it may damage the cord, causing fire or an injury.

## **2. Precautions before Use**

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### **2-1 Power Supply**

Use the designated voltages specified in the serial plate so as to assure operations under constantly stable conditions.

As for the power plug, insert it directly into the wall outlet.

### **2-2 Environment for Use**

Use this machine in the following environment.

- A place not exposed to direct sunlight.
- A place where there is little dust and dirt.
- A place where there is little vibration.
- A place where there is little salt.
- A place where there are no special chemicals.

### **2-3 Conditions for storage**

Keep this machine in storage under the following environment.

- A place not exposed to direct sunlight.
- A place where there is little dust and dirt.
- A place where there is little vibration.
- A place where there is little salt.
- A place where there are no special chemicals.

### **2-4 Maintenance**

In order to maintain proper performance of the product, do not lubricate part of the machine or apply grease to it (except where otherwise noted in this manual).

If any abnormality is found, contact your dealer.

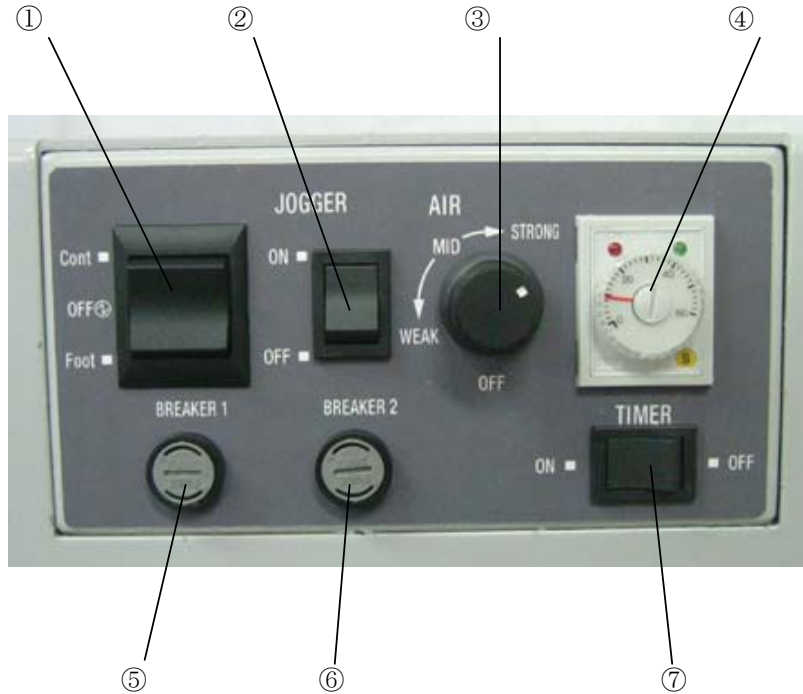
### 3. Components and Functions

#### 3-1 Machine body



No.	Name	Function
①	Paper tray	Paper tray vibrates to jog paper. Set the paper to be jogged in the tray holding the upper part of the paper with its corner down.
②	Fixing lever	This lever is used for fixing the paper tray. While supporting the paper tray with one hand, loosen the lever and adjust the tilting angle of the tray, and fasten the lever when the position is determined.
③	Operation Panel	This panel is used to switch on and off the foot operation, vibration, air, timer.
④	Foot switch	When the foot switch is on, if the foot switch is stepped on, the paper tray vibrates.
⑤	Power cord	Insert the cord into an outlet of the designated voltage.

### 3-2 Operation Panel



No.	Name	Function
①	Power switch (Cont/OFF/Foot Operation)	<p>If "Cont" is set, by stepping on the foot pedal, continuous operation can be switched between on and off.</p> <p>If "Foot" is set, the power is on and only when the foot pedal is stepped on, the machine operates, and the timer adjustment knob can be used.</p> <p><b>Note: When the job is finished or suspended, be sure to set "OFF" in the middle position.</b></p>
②	JOGGER switch	When "ON" is set, the paper tray jogs.
③	Air adjustment knob	As it is turned clockwise, the air gets stronger, and when it is turned counterclockwise to the extreme, "OFF" is set.
④	Timer adjustment knob	Jogging from 0 to about 60 seconds as well as air operation time can be adjusted.
⑤	Breaker 1 (5A)	When the circuit for jogger has abnormal, the fuse blows.
⑥	Breaker 2 (10A)	When the circuit for air is abnormal, the fuse blows.
⑦	TIMER switch	<p>When the switch is set to "OFF", the timer adjustment knob will not work.</p> <p>When the switch is "ON", it works.</p> <p>If the foot pedal is stepped on once, air and jogger will stop when the set time has expired.</p> <p>If the foot pedal is continuously stepped on, air only will stop when the set time has expired.</p>

## 4. How to Use

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### **Paper tray tilting angle adjustment**

- Holding the lower center of the paper tray head's front face, loosen the fixing lever to adjust the tilting angle. Then tighten it at an appropriate position.



- **When adjusting the tilting angle, be sure to turn the switch off and hold the lower center of the paper tray head's front face. If the part indicated with an arrow in the following photo is held, it may cause bodily injury.**
- **Fasten the fixing lever tightly so that it may not be loosened while the machine is in use.**

Do not hold this part.



- In general, for thick paper, the tilting angle is adjusted vertically and for thin paper, it is adjusted horizontally.

For thin paper



### **How to use the AIR and JOGGER switch**

- When the AIR switch is set to "ON", air blows out from the paper tray while the machine is operating. When the JOGGER switch is "ON", the paper tray vibrates.
- Both AIR and JOGGER switches should normally be set to "ON" for jogging. When only AIR switch is set "ON", air blow without jogging is effective for just loosening a stack of papers or drying ink.



### **How to Use the TIMER**

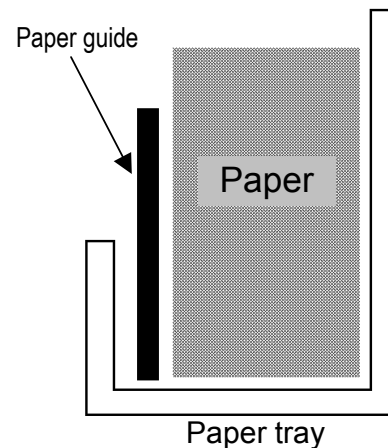
- (1) Set the TIMER switch to ON.
- (2) Turn the dial for operating time adjustment and set the desired time.  
(The scale of TIMER time, which is just for indication, can be selected between 0 and 60 seconds. Set it while checking jogging irregularity).
- (3) While the power switch is set at “Foot” operation, air blow and jogging operation start when the foot switch is stepped on once, and they will stop when the set time has passed.  
If the foot switch is continuously stepped on, air blow only will stop when the set time has come, and when the foot switch is taken off, the jogging operation will also stop.  
Adjust it depending on the conditions.

### **How to Jog neatly**

- Step on the foot switch briefly to take advantage of strong and weak vibration. If operation time is adjusted using the TIMER, the job can be repeated in the optimal time.
- In case paper before jogging is loosened by letting air in, make the thickness of the paper loaded at once less than 60 mm (24”).
- Also, when jogging collated paper, make the thickness less than 60 mm (24”).

### **How to Use the Paper Guide**

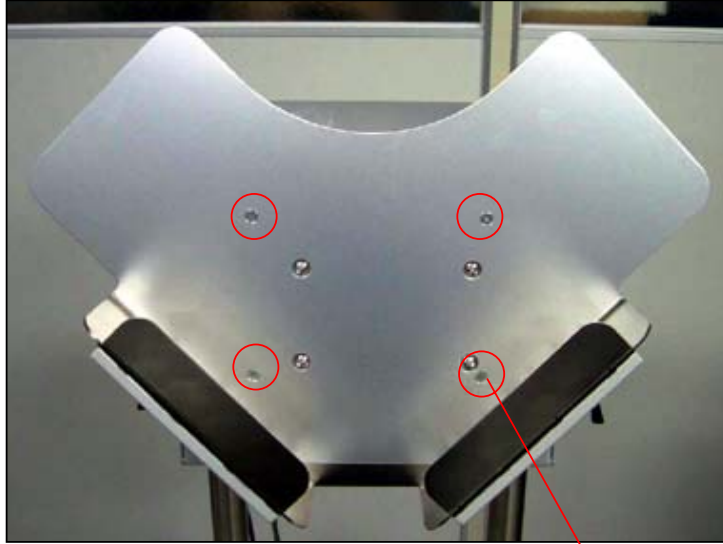
- Use the paper guide when the paper bends and is hard to handle.



## 5. How to Jog big size paper (A3SR, Ledger size and etc.)

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- (1) When big size paper such as A3SR or ledger size will be jogged, install the attached A3 guide.



Fasten the countersunk screws at the four locations.

- (2) In order to prevent the paper from being bent, adjust the paper tray horizontally.



- (3) When using the paper tray while setting it horizontally, load sheets of paper little by little (If the paper is loaded in mass, the tray receives the weight all at once, which makes it difficult to jog the paper properly).

**\* Loosen the paper so as to let air in it.**



## 6. Troubleshooting

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Troubles	Check this	Adjust/Amend this
Paper is irregularly jogged.	(1) Is the paper size non-standard?	Jog it while loosening it by hand.
	(2) Does the paper have static electricity?	Put some space between the sheets by hand.
	(3) Is too much paper loaded?	Reduce the volume of paper used at one time.
Air blow is weak.	(1) Is air adjustment knob set to "Weak"?	Turn the adjustment knob to "Strong".
	(2) Is any paper scrap or the like stuck in air inlet or outlet?	Clean the inlet and outlet.
	<ul style="list-style-type: none"> <li>If the trouble is not resolved in spite of the above measures, blower maintenance may be required. Contact your dealer.</li> </ul>	
No air is discharged.	(1) Is the AIR switch set to "OFF"?	Set the AIR switch to "ON".
	(2) Is the fuse 2 blown out?	Replace the fuse.
	<ul style="list-style-type: none"> <li>If the fuse blows again, the cause may be located within the machine. Contact your dealer.</li> </ul>	
No vibration is made.	(1) Is the JOGGER switch set to "OFF"?	Set the JOGGER switch to "ON".
	(2) Is the fuse 2 blown out?	Replace the fuse.
	<ul style="list-style-type: none"> <li>If the fuse is blown again, a cause may be located within the machine. Contact your dealer.</li> </ul>	

## 7. Daily Maintenance

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- Clean the air outlet in the paper tray so that it will not gather paper slips or dust.
- Clean the air inlet filter (located on the left side of the machine) on a regular basis.

## 8. Other Matters to Note

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- When moving the machine, be sure to hold the machine while paying attention to the entire balance instead of holding the paper tray or the upper part of the stand only.
- Do not apply a strong force, such as pushing or pulling, to the paper tray. Doing so might damage it.
- “OFF” and “Foot” on the power switch are in the same position when it is just switched, but in case “Foot” operation is set, the machine operates when the Foot switch is stepped on. Be careful about these conditions.
- Do not place heavy objects on the machine. The object may fall, causing a bodily injury.
- **Since loosening is made by blowing air, dust or the like may get in the user’s eyes. It is recommended that safety glasses, etc., be worn when operating this machine.**

## 9. Specifications

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Product name	Jogger (with air loosening device) stand type
Model	AJ-700
Jogging Method	Unbalance weight adjustment method
Jogged paper size	Max: A3SR 320 × 450 mm (approx. 12.5" × 17.5")  Min: B6 128 × 187 mm (approx. 5.0" × 7.4")
Functions	Operation time adjustment Air blow adjustment Vibration switch ON/OFF function
Dimension	460 (W) × 395 (D) × 1025 (H) mm (19" (W) × 16.5" (D) × 41.3" (H))  * when the paper tray is vertically placed.
Mass (Weight)	34.8kg (approx. 77 lbs.)
Power supply	120VAC/50 - 60 H2 or 230V/50 - 60 H2

**[Accessories]** Operation Manual, paper guide

Specifications and appearance are subject to change without prior notice due to continual improvements.