

# FORMAX<sup>®</sup>

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FD 402TA1  
Tabletop Air Jogger

10/2019

OPERATOR & PARTS  
MANUAL

# Introduction

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Thank you for purchasing this product.  
Please carefully read this Operator Manual before use.  
Be sure to read "Safety instructions" before use.  
Keep this Operator Manual in a specific place for handy reference

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# 1. Safety Instructions

To prevent bodily injury or damage to property, please follow these safety instructions.

## 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.

 <b>Danger</b>			
	Do not place receptacles containing water on the machine. If water is spilled, it may cause fire or an electrical shock.		Do not put any foreign object, such as metal or flammable object inside the machine. It may cause fire or an electrical shock.
	Do not touch any revolving and/or moving part of the machine with a hand, or reach a hand into the machine. It may cause a bodily injury.		Do not remove the machine cover, back cover, etc. This will expose parts with very high voltage that may cause an electrical shock.
	Do not dismantle, remodel, or repair the machine. It may cause fire, electrical shock, or bodily injury. If repair is required, contact your dealer.		Do not use any other voltage than the voltage specified on the serial plate. Doing so could cause fire or an electrical shock.
	Do not put the machine close to heating equipment. The machine cover or electric wire may melt and it may cause fire or an electrical shock.		Do not use flammable spray inside or near the machine for cleaning, etc. as gas, which fills the interior, may ignite and cause a fire or an explosion.



## Danger



Apply the power supply as specified on the serial plate, and independently use the wall outlet with a rated current.

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



If dust forms on the prongs of the power plug, wipe the dust off with a dry cloth. It may cause fire.



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.



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



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.



Do not unplug the power plug with wet hands.

It may cause an electrical shock.



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.



Be sure to connect a ground wire.

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



## Caution





When the machine 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.

Otherwise the insulation may deteriorate, causing an electrical shock or fire.





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.

 <p>Do not place the machine in a humid place or where it could get wet.</p> <p>Doing so could cause the insulation to deteriorate and cause an electrical shock or fire.</p>	 <p>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.</p>
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## 2. Precautions before Use

### 2-1 Power Supply

 <b>Danger</b>	
	<p>Use only a power supply rated to match the serial plate. The jogger should have its own wall outlet with a rated current. If the outlet is shared with other equipment, the branched part of the outlet could overheat and cause fire.</p>



Use the designated voltages specified in the serial plate to ensure operations under constantly stable conditions.

Plug the power cord directly into the wall outlet.

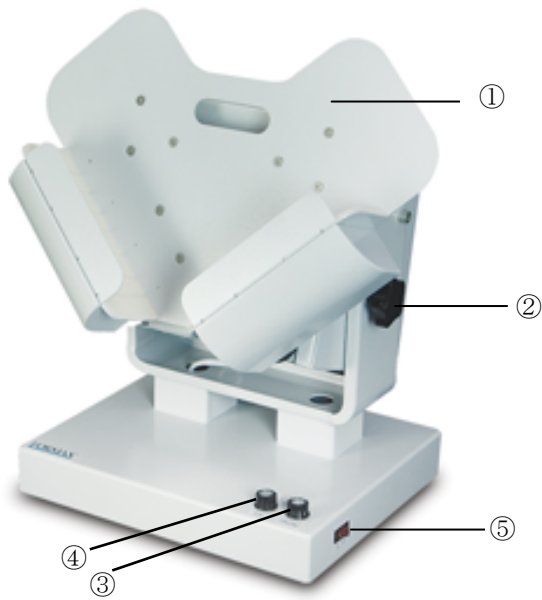
### 2-2 Environment for Use & Conditions for Storage

- 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 are no special chemicals.

### 2-3 Maintenance

 <b>Danger</b>	
	<p>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.</p>

In order to maintain proper performance of the product, wipe off dust from time to time with a wet cloth moistened with water or mild detergent.



No.	Name	Function
①	Paper tray	Paper tray vibrates to jog paper. Set the paper to be jogged in the tray holding the stack with its corner facing down.
②	Tilt adjustment knob	This knob is used for tilting 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 knob when the position is determined.
③	Jogging switch	When this switch is turned, the paper tray jogs continuously.
④	Air switch	When this switch is turned, the jogger blows air continuously.
⑤	Power switch (ON/OFF)	Turns jogger on or off.
⑥	Power inlet	Power cord attaches here.
⑦	Fuse holder	Turn left to open and turn right to close.

## 4. How to Use

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### 4-1 Paper tray angle adjustment

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



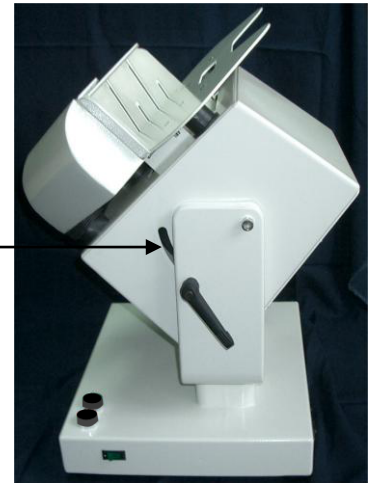
**Danger**



Do not touch any revolving and/or moving part of the machine or reach a hand into the machine. It may cause a bodily injury.

- 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. Do not hold the part indicated with an arrow in the photo, as it may cause bodily injury.
- Fasten the adjustment knob tightly so that it may not be loosened while the machine is in use.

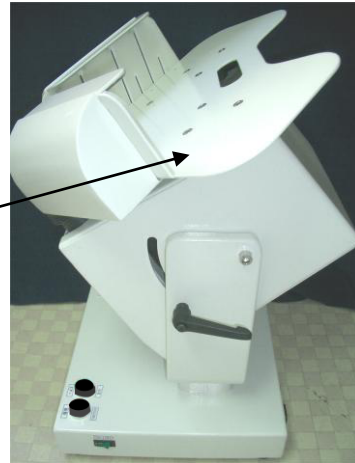
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· In general, for thick paper, the tilt angle is adjusted vertically and for thin paper, it is adjusted horizontally.

For thin paper



#### 4-2 How to jog

- Turn the Jogging switch to begin jogging and the Air switch for air blowing, and touch the upper part of paper stock to help it jog neatly.
- Make sure that the thickness of paper stock is less than 60mm.

## 5. Troubleshooting

Trouble	Possible cause	Solution
Paper is not jogging neatly	The paper size is larger than specification	Jog it by holding with hand gently resting on top edge of paper.
Paper is irregularly jogged.	Paper has static electricity	Use the air blower in addition to vibration function.
	Too much paper loaded	Reduce size of paper stack.
No vibration or air	Power switch is set to OFF	Set the power switch to ON
	Fuse is blown	Replace the fuse.
	· If the fuse is blown again, an abnormality exists in the machine. Contact your dealer.	



## 6. Other Matters to Note



### Caution



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.

- When moving the machine, be sure to hold the body 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.
- Do not place heavy objects on the machine. The object may fall, causing a bodily injury.

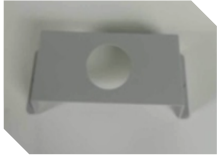



## 7. Specifications

Product name	Tabletop Air Jogger
Model	FD 402TA1
Paper size	5" x 7" Min – 11" x 17" Max
Dimensions	21" W x 15" L x 23" H
Weight	60 lbs
Power supply	110V/120V or 220V/240V, 50Hz/60Hz
Power Consumption	110V/120V, 50/60 Hz, recommended 4A dedicated line (110V) 220V/240V, 50/60 Hz, recommended 3A dedicated line (220V)

# PARTS

NO.	Picture	Figure NO.	Part name	QTY		Remark
1		Z02-01	Foot	4		
2		Z02-02	Knob	2		
3		Z02-03	Rubber spring	3		
4		Z02-04	Blower gasket	2		
5		Z02-05	Blower motor	1		
6		Z02-06	Vibration motor	1		
7		Z02-07	Microwave device	1		
8		Z02-08	Fuse harness	1		

9		Z02-09	Potentiometer	1		
10		Z02-10	AC curcuit board	1		
11		Z02-11	DC curcuit board	1		
12		Z01-01	Back panel	1		
13		Z01-02	Low back panel	1		
14		Z01-03	Left and right blower cover	1		
15		Z01-04	Paper tray	1		
16		Z01-05	Vibration motor mount	1		

17		Z01-06	Fan motor fixed mount	1		
18		Z01-07	Blower box	1		
19		Z01-08	Jogger main bracket	1		
20		Z01-09	Motor case	1		