

# FORMAX<sup>®</sup>

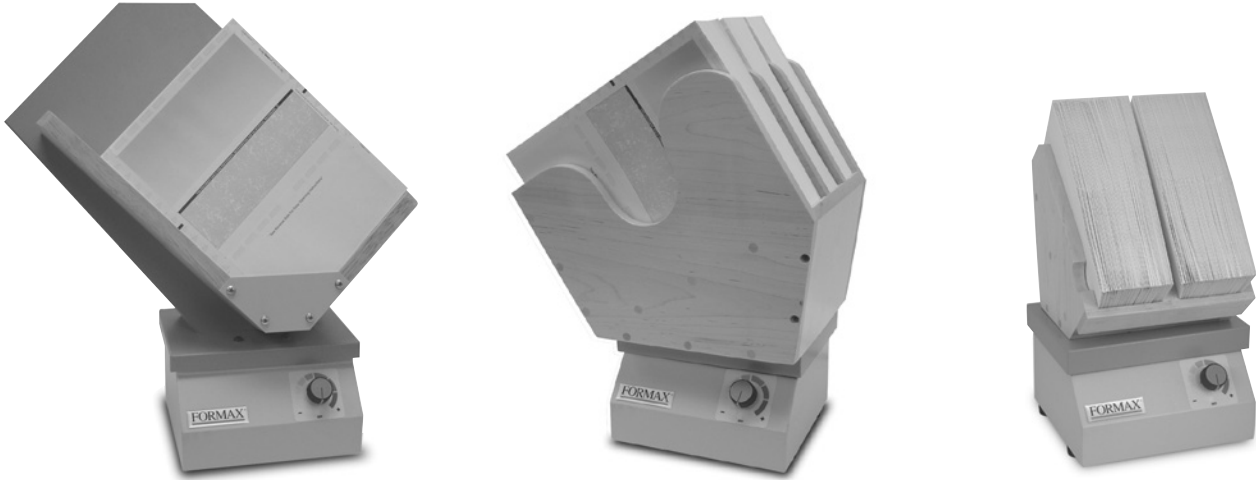
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## 402 Series Joggers

OPERATOR MANUAL  
SECOND EDITION



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## **INTRODUCTION**

The Formax 402 Series Joggers are used for aligning paper and dissipating static electricity. An electromagnetic assembly produces a vibrating action, which is transmitted to the deck and rack through a system of flex plates.

The control assembly consists of a solid-state on-off knob which also serves to control the vibration intensity, up to 4,000 vibrations per minute.

Refer to this Maintenance Manual prior to adjusting or performing service on the jogger.

**WARNING:** Failure to follow these instructions could result in unsatisfactory jogger performance, machine damage or shortened service life, or personal injury.



**FD 402P1**



**FD 402P3**



**FD 402E2**

	<b>FD 402P1</b>	<b>FD 402P3</b>	<b>FD 402E2</b>
Bin Capacity:	Up to 800 sheets of 20# paper	Up to 1,700 sheets 20#	Up to 1,750 sheets 20#
Bin Size:	3.5" D x 8.75" W x 15.5" L	2.5" D x 3.5" W x 10" L each	7" D x 2.25" W x 11.25" L each
Media Size:	Up to 11" W x 17" L	Up to 8.5" W x 14" L	Up to 4" W x 8" L
Dimensions:	7.75" W x 19" L x 21" H	9.75" W x 14" L x 17.75" H	8.125" W x 8.125" L x 13.125" H
Weight:	28 lbs.	29 lbs.	28 lbs.
Variable Speed:	Up to 4,000 vibrations/minute		
Voltage:	115 Volts (50/60 Hz) / Export 230 Volts (50/60 Hz)		
Safety Certifications:	TUV & CE applied for		

## **INSTALLATION**

Inspect the jogger for damage which may have occurred during shipment. If any damage is found, immediately notify the shipping carrier and your authorized Formax dealer.

Each jogger weighs approximately 30 pounds. Lift the jogger only by the base. Lifting by the bin or top cover may cause damage or injury.

**WARNING:** The voltage and frequency of the power supply must be as specified on the nameplate. A power supply of another rating may cause damage to the unit.

Locate the jogger on a solid support surface. The support must not vibrate while the jogger is operating. The bin or top cover must not be in contact with any rigid object or adjacent surface; it must be free to vibrate.

## OPERATION

Place the jogger in its operating location and plug it into a self-governing electrical receptacle.

Place paper, envelopes or checks in the jogger bin(s) and turn the power/vibration control knob clockwise to turn the jogger on and adjust vibration. The vibration amplitude is changed by turning this knob. To turn the jogger off, turn control knob all the way to counter clockwise until it clicks off. **Note:** FE models eith serial # ending in "F" have an on/off switch, the control knob only adjusts the vibration intensity

For best results, documents should be jogged for at least 15 to 30 seconds. For maximum efficiency, Formax recommends a maximum load of 10 pounds for each of the 402 Series models.



## TROUBLESHOOTING

<b>PROBLEM:</b>	<b>POSSIBLE CAUSE:</b>	<b>SOLUTION:</b>
Unit does not operate	Defective control knob  Shorted wiring, loose connection, no power to unit	Replace control knob  Repair
Unit has power but will not vibrate	Unit in contact with rigid object or adjacent surface  Defective controller  Defective flex plates	Isolate unit  Replace controller  Replace flex plates
Excessive noise when operating	Armature and core assemblies making contact	Air gap spacers may need to be replaced or adjusted

