Warning

- Do not operate this machine without all guarding in place.
- Do not make adjustments or perform maintenance on this machine with the power on.
- Keep the machine and work area clean and free of spills to prevent accidents.
- Be sure to replace any safety decals that may have been detached for any reason.

Baumfolder Corporation reserves the right to make changes in design or to make additions or improvements in its products without imposing any obligation upon itself to install them on its previously manufactured products. It is recommended that modifications to this equipment not be made without the advice and express written consent of Baumfolder Corporation.

FOLDER IDENTIFICATION

MODEL NO: __________________ SERIAL NO: _________________________
SALES AGENCY: _____________________________________________________
INSTALLED BY: ______________________ DATE: ____

ELECTRICAL CONNECTIONS:

Wiring the equipment. Machine equipped with a single phase transformer designed for use in industrial and commercial application. Transformer rated up to 25 kVA enclosed within an encapsulated, NEMA 3R enclosures. Single phase transformer includes a range of options for primary and secondary winding voltages, stainless steel enclosures for use in corrosive environments. The Baumfolder equipment will wire directly into this transformer. The Konica Minolta will also be powered by this transformer.
Main panel circuit breaker panel. Make sure all breakers are in correct position before operation.

The Baumfolder system has an Ionizer Bar located on the exit of the Konica Minolta Printer. This allows removing unwanted static from continual paper movement. On the side of the panel has an 110v plug. This is the outlet to plug the Ionizer. Once plugged in an operator will notice an Ozone smell. This will indicate the bar is running.
INSTALLING THE FOLD PLATES

Install the fold plates into the folder. When installing the fold plates, take note of the symbols on the fold plate stop (Figure 9). The fold plate stop can be loosened using the thumb screw and swung either forward or back. Once repositioned tighten the thumb screw. Turn so the symbol with the two arched pieces representing the open end of the fold pan is forward when folding in the pan. Turn it the opposite way, so the wedge shaped image is forward, to set a pan into deflect. The swing deflector may only be brought forward when the deflector symbol is also in the forward position (Figure 10 balloon 1). Note “forward” means that symbol is closer to the fold rolls. Lock the fold plates in position with the clamp levers (Figure 10 balloon 2).

Pull the hand wheel to release it then manually turn the fold rollers to be sure that they are operating smoothly. Check for any foreign material, and be sure that the deflectors do not touch the fold rolls.

If a Jam occurs in the folder. The pans can be moved upwards by unclamping the handle item “2” and lifting up on the pan and then tightening once removed from the lower position.

Fold Rolls

WARNING: Never clean fold rolls while the machine is running.

With the folder turned off, rub down the fold rolls with a cloth dampened with “Surewash.” Never immerse the fold rolls into the washing solvent. After cleaning, they should be rubbed down with a clean dry cloth.

Gear Drive

The helical gear drive is lubricated by an automatic grease dispenser located inside the left-hand guard. Use the label on the left-hand guard to record lubrication change date. (It should be changed every 9 months.) To activate the dispenser, screw the eye bolt, 3, into the lid, 2, of the dispenser until the ring, 3, comes off. Shake the canister when installing to insure that it rattles, signifying that it has been activated. See parts manual for replacement dispensers.
Warning: Never open the grease dispenser. Even when empty, the container remains under pressure. If damaged, caustic liquid may leak out. If contact is made with skin, flush repeatedly with water.

OPERATING INSTRUCTIONS PRODUCTION SCREEN:

When the system running and ready to accept print jobs the below screen will be seen on HMI panel.

1) If documents need to be removed from system or a clean out of the system. Press the manual screen button. (see next screen)
2) After the clean out. Press the green “RESET” button
In this Manual mode, each individual motor can be turned on or the complete system can be turned on for training or clearing unwanted documents.

1) The clean out button can be pressed and the system will eject all documents.
2) Main screen will get you back to the first machine ready screen.
3) The service Screen allows a certified technician to change settings.

The screen below in service screen will appear. Press the Code “1281” to be able to get into the maintenance screen.
The screen below is the Maintenance screen. Changes in the system may result in system failure. Please consult Baumfolder or an authorized service technician.

While system is running this screen will appear and show the barcode number on the document (invoice) and the box.

If a jam occurs or fault the screen below will appear.

1) The screen will specify the area of the fault. i.e. the below states “Gathering Unit Diverter Fault”
2) Check to see if document needs removed manually
3) If manual removal is not necessary press “JOG ALL MOTORS” to remove unwanted documents.
4) After clean out press the “RESET” Button.
On the exit section for box insertion. There are plastic wheels that can be changed to add more spring tension by rotating the notched nut on end or releasing pressure. In addition the wheels can be moved up and down on the attached block for added directional force on the ejection document.
IV. TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>REMEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Too few marbles at start of Side gage.</td>
<td>Increase number of marbles if necessary.</td>
</tr>
<tr>
<td></td>
<td>Suction gap too short.</td>
<td>Increase gap if necessary.</td>
</tr>
<tr>
<td></td>
<td>Only at 1st buckle plate: A curl in the sheet can cause the leading-</td>
<td>Fit sheet deflector to 1st buckle plate and fold in 3rd buckle plate.</td>
</tr>
<tr>
<td></td>
<td>edge to bend up or down thus missing the upper or lower buckle throat.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>On all buckle plates: sheet missing the buckle plate under lips.</td>
<td>Advance lower buckle plate lips accordingly.</td>
</tr>
<tr>
<td>Sheets fail to run into the buckle plate.</td>
<td>Sheet unable to buckle as buckle space too small. Folding rollers blunt or clogged with ink.</td>
<td>Set lower buckle plate lip further back. Wash off rollers with the type of rubberized cloth cleaning agent used in offset work. Increase clearance as necessary. Consult Baum technical rep. Check Baumset settings.</td>
</tr>
<tr>
<td></td>
<td>Inadequate inside clearance in buckle plate.</td>
<td>Fit discharge unit at the exit to the 2nd station or arrange for appropriate humidity on the premises. Raise as</td>
</tr>
<tr>
<td></td>
<td>Product too thick for folding. Not enough roll pressures.</td>
<td></td>
</tr>
<tr>
<td>Sheet remains lying on the cross carrier of the 3rd station or fails to run into the 1st buckle plate of the 3rd folding station.</td>
<td>Electrostatic charge in product caused by friction with rollers and deflectors and also relatively low humidity. Damping rods and sheet holder set too low.</td>
<td></td>
</tr>
<tr>
<td>Wrinkling after the 1st fold, either across or parallel.</td>
<td>Register guide not at right-angles to the folding rollers. Sheet drawn too sharply against the register guide causing a wave to form. Buckle plate feed stop not parallel to the incoming sheet edge. Folding rollers set too tight.</td>
<td>Set angle correctly. Insert fewer balls or use lighter ones. Correct buckle plate stop setting. Slacken roller setting.</td>
</tr>
</tbody>
</table>