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OWNER'S MANUAL

Model BABLT-____-____-____ Air Lift Table Serial number _____

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IMPORTANT NOTES, WARNINGS AND SAFETY INSTRUCTIONS

Ensure that all employees understand and follow the following.

- ☛ Failure to read and understand this owner's manual before using or servicing the lift table constitutes a misuse of the product. All persons who will install, use, or care for this product must be familiar with this material.
- The load must be removed and the platform fully raised, maintenance props installed and lowered until supported by the props before any work is performed on the unit.
- Ensure that all information / safety / warning labels stay in place and remain legible.
- Do not use the BABLT if any damage or unusual noise is observed.
- Always watch carefully the frame, platform and scissor legs along with the container when the lift table is in operation.
- Be sure to properly secure the frame to the floor before using.
- The scissor table is intended for installation / use only on compacted, improved surfaces.
- Supplied air must be clean, dry and regulated to a minimum of 80 p.s.i.
- Contact the manufacturer for any needed MSDS information.
- ◆ Do not perform any modifications to the scissor table without the manufacturer's approval. Failure to receive authorization for changes to the equipment could void the warranty.
- ◆ Maintenance and repairs are to be done only by personnel qualified to perform the required work. Consideration will not be given for warranty repair charges without prior written authorization by the manufacturer.

WHEN ORDERING

REPLACEMENT PARTS:

We take pride in using quality parts on the equipment we manufacture. We are not responsible for equipment problems resulting from the use of unapproved replacement parts.

To order replacement or spare parts for this equipment, contact the factory.

In any communication with the factory please be prepared to provide the machine's serial number, which is indicated on the machine dataplate.

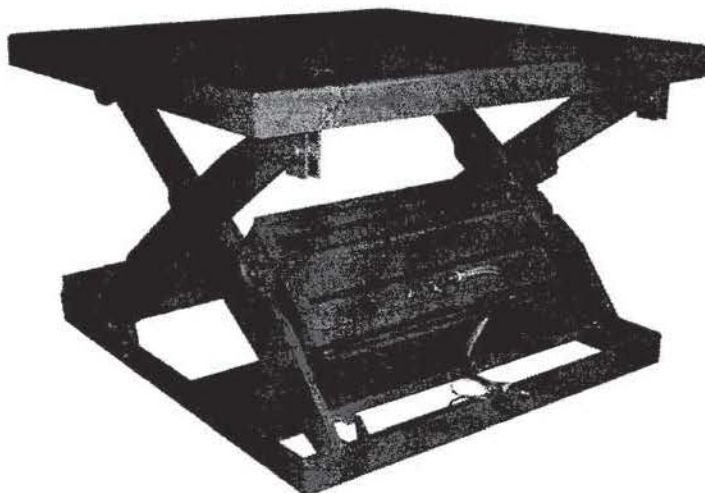
RECEIVING INSTRUCTIONS

It is possible that this product could incur damage during transit.

Inspect the unit closely when it arrives. *If you see evidence of damage or rough handling to either the packaging or to the product when it is being unloaded, **immediately** make a note of it on the Bill Of Lading!*

It is important that you remove the product's packaging upon its arrival to ensure that there is no concealed damage or to enable a timely claim with the carrier for freight damage.

Also verify that the product and its specifications are as ordered.



Air Lift Table

INSTALLATION INSTRUCTIONS – BABLT

Review this entire page before installing the airbag scissor lift table.

Consult the factory in the event there are any questions or problems at the time of installation, or for information regarding optional features not covered by the owner's manual.

The ABLT must be removed from the shipping wood and securely anchored to a concrete surface before use!

- Modifications or additions to the unit without prior manufacturer's authorization may void the warranty (see ANSI MH29.1, Safety Requirements for Scissor Lifts, Section 12.6). The addition of ancillary equipment to the unit may necessitate that its load capacity be reduced.
- The installation must be made so that it complies with all the regulations applicable to the machine and its location. The end-user must verify that the supplied equipment is installed so it will be suited to the environment in which it will be used.
- Installation must be performed by suitably trained personnel with access to the appropriate equipment.
- Note: If the unit is to be placed into a pit, you will need to first determine how the required pneumatic connections will be made once the unit is in place.

For a typical installation of a standard airbag scissor lift table, you will need the following:

1. A fork truck or hoisting means to unload the unit from the freight truck and set it into place.
2. A smooth, level, and adequately strong concrete surface on which to mount the BABLT
3. Concrete anchors, a masonry drill, a masonry bit, hand tools, grout, and steel shims. Consult the building's architect or facility engineer to determine the best size and type of hardware with which to anchor the machine to the floor.
4. Appropriate air supply, filter, regulator and hose. The end-user is responsible for supplying the filter and regulator. Note: Warranty is void if the BABLT is not used with an appropriate filter-regulator.

To install a standard airbag scissor lift table:

1. The platform must be lowered and the scissor table fully supported when moved. Move the unit into place with straps or forks placed under the table's frame. Use care to avoid damage to the pneumatic components inside the unit.
2. Incoming air supply must be clean, dry and regulated to a minimum of 80 p.s.i. No lubrication is required and it is not recommended.
3. Temporarily connect the air supply to the fitting supplied in the BABLT frame, and raise the platform so the BABLT's safety maintenance props can be utilized. Lower the platform so the unit is supported by the maintenance props.
 - o If the platform must be raised without first having the proper air supply connected, raise the platform at the end of the table through which the air fitting is installed in the frame. Use caution to avoid damage to the perimeter pinch point (toe) guard! Use lifting chains with hooks fastened on each end, near the hinges. *Take care to not damage the hanging aluminum toe guard.* Hold the frame down by standing on the ends of the shipping 4 x 4's on that end of the lift while the platform is raised.
4. Anchor the frame to the floor through the 9/16" holes located on the tabs welded to the outside of the frame.
5. Shim and/or grout under the full length of the frame sides.
6. Make permanent connection to the air supply, using an appropriate hoses and fittings.
7. Clean up any debris and verify that all of the information/safety/warning labels are in good condition.
8. Operate the BABLT through several cycles without a load. Verify that the upper travel limit valve (mounted to the frame) and the toe guard valves (around the perimeter of the platform) function properly.
9. Check for system air leaks by raising the platform while it is unloaded and monitoring for downward drifts over a period of 15 minutes.

OPERATION INSTRUCTIONS – BABLT

- *Consult ANSI MH29.1, Section 12 for the owner's / user's responsibilities regarding the operation, care, and maintenance of this machine.*
- *Ensure that all employees involved in the operation of this unit understand and follow these instructions!*

The standard model BABLT is suitable for use indoors in most non-classified industrial locations. It is intended to be used to raise and lower stable, evenly-distributed, non-hazardous materials loads and/or containers (with rigid sides having a size or footprint approximately the same size as the platform).

Loading:

The load rating, in pounds, is shown on the machine dataplate located on the front side lip of the platform. It indicates the net capacity of the scissor table with a static load that is centered and evenly distributed on the platform.

Warning: The airbag table's rollers are not captured. Therefore, do not overhang any load at the hinged end of the platform - that could cause the roller end of the platform to tip up and dump the load. For applications involving side or end edge loading, consult the factory.

Note: The addition of any ancillary equipment to the airbag scissor lift table by third parties must be taken into account when determining the maximum working load to be placed on the unit.

Warning: Do not exceed the BABLT's load ratings. Injury to personnel or permanent damage to the unit could result from exceeding the listed capacity.

Operation:

Inspect the perimeter pinch point guards' operation daily.

Warning: Keep all personnel clear of the machine when it is in operation. Be certain no part of any person or object is under any part of the platform before lowering the unit.

Caution: Always carefully watch the unit and any load on it when it is in operation.

The ABLT is furnished with either a constant-pressure (dead-man style) pushbutton (standard) or twin foot pedal (optional) control.

Pressing the "UP" pushbutton (or foot pedal) will open the valves to supply pressure to the airbag(s) to raise the platform. The platform will raise only while the control is pressed. Upon releasing the control, the platform will stop and hold its position.

Pressing the "DOWN" pushbutton (or foot pedal) will actuate the lowering valve to allow the platform to descend by gravity. Again, releasing the control will stop the platform movement, and the unit will hold its position.

Note: Due to the compressibility of air, adding or removing a load (or part of a load) from the platform while in a raised position will cause the platform to position to change (raise or lower).

When lowering the platform, if an obstruction is encountered which activates the platform perimeter pinch point (toe) guards, the platform will raise until the obstruction is cleared or until the platform reaches its upper travel limit.

Caution: Never use the airbag table if any damage or unusual noise is observed, if it is in need of repairs, or if it seems to be malfunctioning. Notify your supervisor or maintenance personnel if you notice anything out of the ordinary.

Ensure that all information/safety/warning labels stay in place and are legible. Refer to the labels page in this manual.

ROUTINE MAINTENANCE & SAFETY CHECKS – BABLT

- *Warning: Care should be taken to identify all potential hazards and comply with applicable safety procedures before beginning work.*
- *Warning: Raise the platform and install the maintenance props before beginning any inspections or work on the unit.*
- *Only qualified individuals trained to understand mechanical devices and their associated pneumatic circuits should attempt troubleshooting and repair of this equipment*

(A) Inspect daily for:

- 1.) Frayed or damaged air supply hoses or air control tubing.
- 2.) Air system leaks.
- 3.) Pinched or chafed hoses.
- 4.) Pinching or wearing on the airbag(s).
- 5.) Damage or structural deformation to the structural members, the airbag(s), valves, etc.
- 6.) Unusual noise or binding, or evidence thereof.
- 7.) Proper functioning of all limit switches, including those on the perimeter pinch point guard (if applicable).

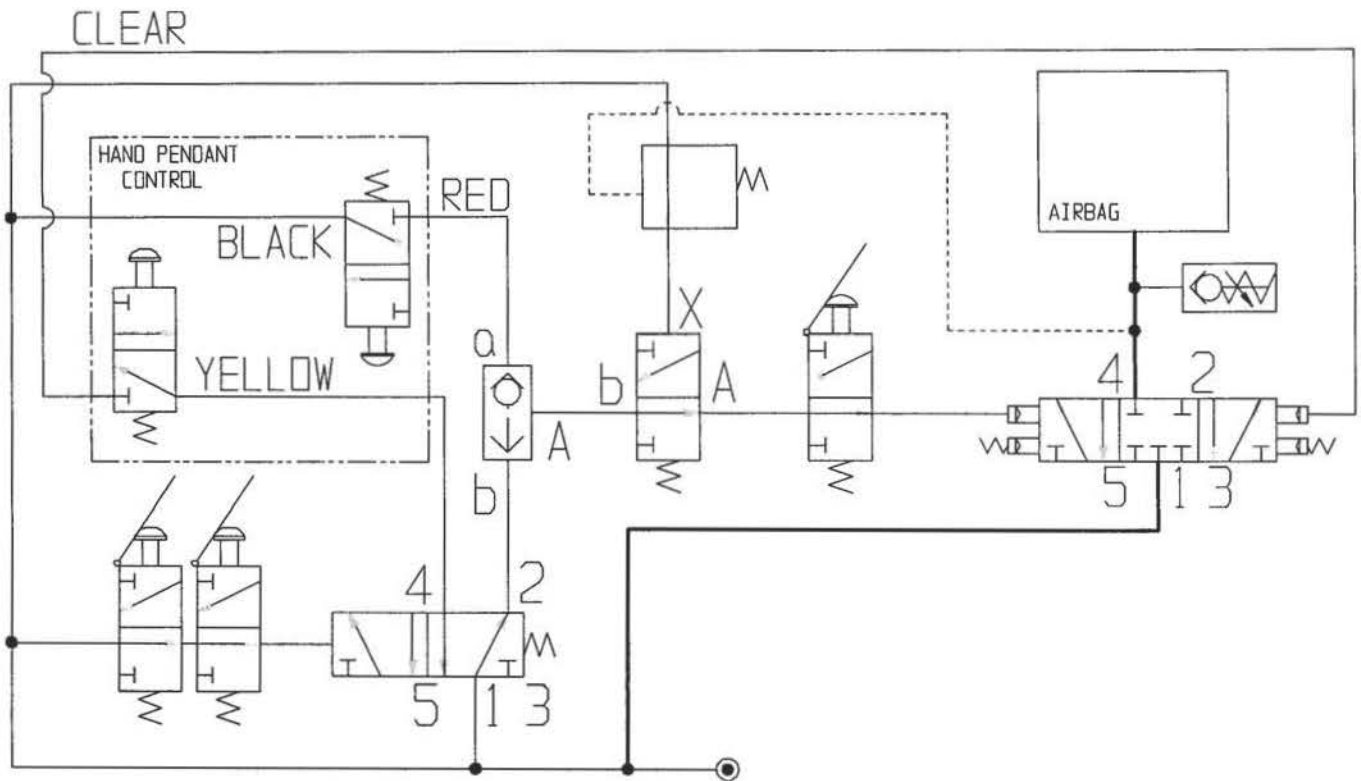
(B) Inspect monthly for:

- 1.) Proper functioning of the air supply regulator.
- 2.) The need to clean or change the air supply filter.
- 3.) Worn or damaged air supply hoses and air control tubing.
- 4.) Pivot point wear.
- 5.) Rollers' looseness and wear.
- 6.) Integrity of the retaining hardware on all rollers and on all pivot point pins.
- 7.) The integrity of the frame anchor bolts, and for cracks in the concrete around them.
- 8.) Proper functioning of any hand- or foot-operated mechanisms.
- 9.) Unusual noises or movement during operation.
- 10.) All the information/safety/warning labels being in place and in good condition.
- 11.) The need to clean off dirt and debris.

For replacement parts, contact the factory (please have the serial number of the unit ready).

PNEUMATIC CIRCUIT DIAGRAM -- BABLT

- o Warning: Care should be taken to identify all potential hazards and comply with applicable safety procedures before beginning work. Verify that all system pressure has been removed and relieved before attempting to work on the pneumatic system.
- o Raise the platform and install the maintenance props before beginning any inspections or work on the unit.
- o Only qualified individuals trained to understand mechanical devices and their associated pneumatic circuits should attempt troubleshooting and repair of this equipment.



TROUBLESHOOTING GUIDE -- BABLT

Warning: Before performing any task, always raise the platform and install the maintenance props before beginning any inspections or work on the unit and disconnect the power supply.

Consult the factory for problems at time of installation, or for any problems not addressed below.

| <u>Problem:</u> | <u>Possible cause(s):</u> | <u>Action:</u> |
|------------------------------------|---|--|
| Platform raises, then drifts down. | Possible air system leak | Make sure all fittings are tight. Inspect all push-in tube fittings by tugging on the tube to make sure it isn't loose or disconnected. Make sure the relief valve is seated properly. Inspect all air supply hoses and tubes for holes, cuts or abrasions. |
| Platform lowers too quickly. | Unit is overloaded Possible air system leak | Remove some or all of the load, being aware that this will cause the platform to raise. Same as for platform raises then drifts down. |
| Platform lowers too slowly. | Partially plugged or blocked exhaust port Debris in the air system hoses, tubing, valves or bags. Scissor leg or pivot plate binding | Remove and inspect the breather plug in the exhaust port of the valve block. Clean if necessary. Inspect the exhaust port for debris or blockage. Determine the furthest point through which no air moves, then remove the tube supplying that component. Inspect scissor leg and pivot plate to verify free motion. Lubrication of pin joints may help. |
| Platform won't lower. | Roller possibly stuck Problem in the lower function of the pneumatic circuit Blocked exhaust port Debris in the air system hoses, tubing, valves or bags Scissor leg or pivot plate binding | Inspect roller and roller path for obstructions. Consult diagram for the pneumatic circuit in this manual. Remove and inspect the breather plug in the exhaust port of the valve block. Clean if necessary. Inspect the exhaust port for debris or blockage. Determine the furthest point through which no air moves, then remove the tube supplying that component. Inspect scissor leg and pivot plate to verify free motion. Lubrication of pin joints may help. |
| Platform won't raise | Unit is overloaded Possible air system leak Problem in the raise function of the pneumatic circuit Scissor leg or pivot plate binding | Remove some or all of the load, being aware that this will cause the platform to raise. Same as for platform raises then drifts down. Consult diagram for the pneumatic circuit in this manual. Inspect scissor leg and pivot plate to verify free motion. Lubrication of pin joints may help. |

PRODUCT WARRANTY

ONE YEAR LIMITED WARRANTY

The manufacturer warrants for the original purchaser against defects in materials and workmanship under normal use for one year after date of shipment (not to exceed 15 months after date of manufacture). Any part that is determined by the manufacturer to be defective in material or workmanship and returned to the factory, shipping costs prepaid, will be, as the exclusive remedy, repaired or replaced at our option. Labor costs for warranty repairs and/or modifications are not covered unless pre-approved by the manufacturer or done at the manufacturer's facilities. Any modifications performed without prior written approval of the manufacturer may void warranty. This limited warranty gives purchaser specific legal rights which vary from state to state.

All specifications are subject to change without notice.

LIMITATION OF LIABILITY

To the extent allowable under applicable law, the manufacturer's liability for consequential and incidental damages is expressly disclaimed. The manufacturer's liability in any event is limited to, and shall not exceed, the purchase price paid. Misuse or modification may void warranty.

Warranty does not cover labor or consequential damages including, but not limited to, business interruption costs, lost profits, or lost business opportunities.

WARRANTY DISCLAIMER

The manufacturer has made a diligent effort to accurately illustrate and describe their products. However, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable or fit for a particular purpose, or that the products will necessarily conform to the illustrations or descriptions.

The provisions of the warranty shall be construed and enforced in accordance with the Uniform Commercial Code and laws as enacted in the State of Indiana.

DISPOSITION

Our company will make a good faith effort for prompt correction or other adjustment with respect to any product that proves to be defective within the Limited Warranty Period. Warranty claims must be made in writing within the warranty period.