

AIMCO General Information

INTRODUCTION

Thank you for selecting an AIMCO Manufacturing Lift Assist Product. This equipment has been designed to provide a safe, efficient means to pick, place, or manipulate loads.

Please read this manual in its entirety prior to installing or operating the equipment. Should you have any questions, please contact AIMCO at (419) 478-4851.

REACH



RANGE



RELIABILITY

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GENERAL INFORMATION:

All lifting arms and associated tooling are assembled and tested at the factory prior to shipment.

These instructions are intended to provide practical and helpful information for installing, operating and maintaining the equipment.

SUPPLY AIR:

AIMCO equipment is designed to be operated at a minimum of 90 PSI to a maximum of 110 PSI. Clean, dry, non-lubricated air is required. It is recommended that a coalescent filter regulator be installed between the supply air source, and the AIMCO equipment.

OPERATING TEMPERATURES:

Unless otherwise specified, AIMCO equipment is intended for indoor use only.

Minimum operating temperature: -40 degrees F.

Maximum operating temperature: 140 degrees F.

PREVENTATIVE MAINTENANCE:

AIMCO recommends a journal be kept to record each inspection and any preventative maintenance that is performed.

A. Visual Inspection Prior to each Shift

1. Visually inspect the equipment for damage or obvious structural defects.
2. Check all air hoses and hose to fitting connections to assure no leaks, punctures, loose hoses, or broken fittings are present.
3. Functionally test all controls to assure the equipment is running properly prior to starting production.

B. Monthly Inspections

1. Inspect all hooks, grabs, vacuum components, swivels, tilt mechanisms, or other mechanical features for wear, damage, cracks, or breaks. All worn components should be replaced.
2. Inspect all air lines for cracks, punctures, kinks, or leaks that could inhibit airflow.
3. Inspect all air fittings for any damage or loose air line connections.
4. Check supply air for proper operating pressure. Check all filters for moisture or contamination and change if necessary.
5. Inspect bearings, mechanical and structural members for wear, cracks, or misalignment that could lead to premature component failure.
6. Assure all arms, pedestals, vertical members and tooling are secure and plumb in alignment and connections.

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TIPS FOR SAFE OPERATION:

Do Not:

- Lift more than rated capacity of equipment
- Utilize equipment for other than intended purposes
- Operate damaged equipment
- Lift people or travel with load
- Operate unless proper air pressure is present
- Leave operating tool with suspended load on tooling unattended

Do:

- Test hoist and tooling devices for proper operation at beginning and end of each shift
- Check air pressure before and during use
- Make visual inspections of equipment at regular intervals
- Upon leaving area, spot or place equipment in an approved location with load removed



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