

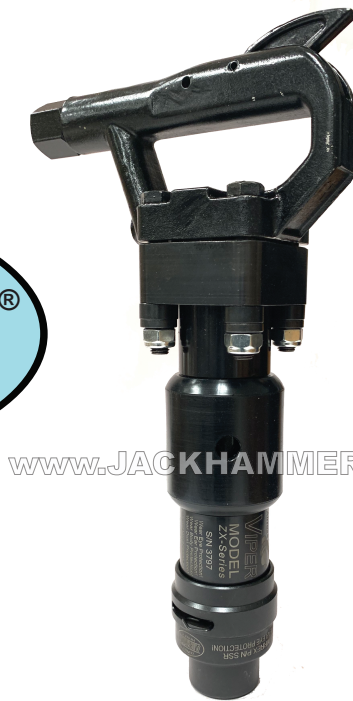


# SAFETY GUIDE

## WARNING - CAUTION!

**REMOVE** this tool from the air supply  
**BEFORE** changing bits or any part!  
**Parts MAY EJECT** from end of hammer  
and may result in serious injury.

**WEAR EYE PROTECTION**  
**WEAR EAR PROTECTION**  
**WEAR FACIAL PROTECTION**  
**90 PSI MAX AIR PRESSURE**



www.JACKHAMMERS.com

### Pneumatic Hammer

## SAFETY INSTRUCTIONS - PNEUMATIC MACHINES

### Introduction

To reduce the risk of serious injury to yourself or others, post these important safety instructions on work locations, provide employees with copies, and make sure that the instructions are read before using the machine. Save these operator and safety instructions. In addition, comply with all local safety regulations that may be in force.

These instructions have been compiled from international safety standards and form part of the operating instructions. Signs and decals that are important for your safety and the care of the machine are included with each machine. Make sure that they stay legible. New decals can be ordered using the spare parts list.

### Safety symbols used

The indications DANGER, WARNING and CAUTION, as used in the safety instructions, have the following meanings:

#### DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

#### WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

#### CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

## Safety instructions

### MACHINE MODIFICATION HAZARD

#### WARNING

The machine must not be modified without Airrex® permission. Any machine modification not approved by Airrex® may result in serious injuries to yourself and others. Use only original spare parts and accessories approved by Airrex®.

### EXPLOSION AND FIRE HAZARD

#### WARNING

Working with certain materials may create sparks. Such sparks may cause a fire or explosion. Do not use the machine near flammable materials, fumes or dust.

### DUST HAZARD

#### WARNING

Work involving certain materials may create dust that can be harmful if inhaled. When working in a dusty environment, an approved dust mask must be used. If possible, dust extraction equipment must be used. Consult with your employer for proper selection and use of dust mask and dust extraction equipment.

### NOISE HAZARD

#### WARNING

Exposure to noise without hearing protection may permanently damage your hearing. Use approved hearing protection. Consult with your employer for proper selection and use of hearing protection equipment.

### PROJECTILE HAZARD

#### WARNING

During operation of the machine, splinters or other particles of materials worked on may become projectiles and cause serious injury by hitting the machine operator or other persons. Use approved personal protective equipment, including impact resistant safety glasses with side protection, to reduce the risk of being injured by a projectile.

### VIBRATION HAZARD

#### WARNING

Repetitive tasks, awkward working positions or vibrations may cause injury to your fingers, hands, arms, and other body parts. Exposure to vibrations may restrict blood supply to the hands and fingers, which may cause injury. If numbness, tingling, pain, whitening of the skin, or reduction in feeling occurs when you use the machine, or even when you are not using the machine, do not use the machine and contact a doctor.

#### WARNING

The inserted tool creates vibrations that may cause injury. Do not grab, hold, or touch the tool when using the machine.



TO ORDER HAMMER OR PARTS CONTACT:  
**MINING AUGER & TOOL WORKS, INC**  
557 STINSON STREET, ST PAUL MN 55117 USA  
**800-241-9669**

www.JACKHAMMERS.com  
www.ROCKDRILL.com



## MACHINE AND TOOL OPERATION HAZARDS

### WARNING

The inserted tool is exposed to heavy strains when the machine is used, and after a certain amount of use the tool may break due to fatigue. If the tool breaks, there may be sudden or strong movements of the machine and/or tool. Such sudden or strong movements may cause serious injury. Always use a working position that will remain stable in the event of the inserted tool breaking. Keep your feet away from of the inserted tool. Do not 'ride' on the machine with one leg over the handle, since you could be seriously injured if the tool suddenly were to break.

### WARNING

Changing the inserted tool while the machine is running may cause serious injury. Before changing the inserted tool, always stop the machine, switch off the compressed-air supply and close down the machine by pushing the start and stop device.

### WARNING

If the inserted tool retainer on the machine is not in a locked position, the tool can be ejected with great force, which can cause serious injury. Make sure that the tool is fully inserted and the tool holder is in a locked position before the machine is started.

### WARNING

A compressed-air hose that is loosened may start whipping around uncontrollably and cause injury. To reduce such risks, make sure that the hose and its couplings are not damaged and that all connections are properly attached to the machine. Never loosen a hose when the air pressure is activated. First, switch off the compressor and vent the machine by activating the start and stop device.

### WARNING

If the oil-regulating screw of a pressurized lubricator is loosened, the oil-regulating screw may be blown out and cause injury. Before loosening the oil-regulating screw, the compressor needs to be switched off and the machine vented.  
If the locking device on the oil-regulating screw is loosened or removed, the oil-regulating screw may be blown out and cause injury. The locking device on the oil-regulating screw of the lubricator must not be loosened or removed.

### WARNING

If the drill steel gets caught during operation, the whole machine will start to rotate if you lose your grip. Such an unexpected rotation of the entire machine may cause serious injury. Stand firmly and always hold onto the machine with both hands. Make sure that the handles are clean and free of grease and oil. Never drill in an old hole.

### WARNING

There is a risk of things getting dragged into or caught by a rotating drill steel, and this may cause serious injury. Never grab or touch a rotating drill steel. Avoid loose clothing that may get caught. If you have long hair, cover it in a hair net.

### WARNING

Unintended start of the machine may cause injury. Keep your hands away from the start and stop device until you are about to start work.

### WARNING

Always have a stable working position that enables you to counteract normal or unexpected machine movements. Losing your balance or slipping may cause injury. Make sure that you always keep a stable position with your feet as wide apart as your shoulder width, and keeping a balanced body weight.

### WARNING

T-handle machines are not designed for horizontal breaking or drilling. Using T-handle machines for horizontal breaking or drilling is unsafe and may result in injury to the operator or other personnel. Never use T-handle machines for horizontal breaking or drilling. T-handle machines should only be used for vertical breaking or drilling.

## ELECTRICAL / CONCEALED OBJECT HAZARDS

### WARNING

The machine is not electrically insulated. If the machine or the inserted tool comes into contact with sources of electrical power, serious injuries or death can result. Make sure that there are no concealed electrical wires in the material you are to work on.

### WARNING

During drilling and breaking, concealed wires and pipes constitute a danger that can result in serious injury. Before you start drilling or breaking, check the composition of the material you are to work on.

### WARNING

Watch out for concealed electrical wiring, water and gas pipes and phone lines. If the tool seems to have hit a concealed object, immediately switch off the machine. Make sure that there is no danger before continuing.

## ADDITIONAL SAFETY RULES

- Machines and accessories must only be used for their intended purpose.
- The machine should be operated at reduced power when drilling is started.
- The maximum permissible air pressure for the machine must not be exceeded.
- Release the start and stop device if there is an interruption of the power supply.
- Learn how to switch off the machine in the event of an emergency.
- Check the inserted tools for wear or damage at regular intervals. Do not use severely worn or damaged inserted tools.
- Only qualified and trained persons may operate or service the machine.
- Keep the machine and tools locked up in a safe place out of reach of children.
- Pay attention and watch what you are doing.
- Use your common sense.
- Do not use the machine when you are tired or under the influence of drugs, alcohol or anything else that may affect your vision, reactions or judgment.

## PROTECTIVE EQUIPMENT

Always use approved personal protective equipment. Operators and other staff in the proximity of areas where work is in progress must use the following approved protective equipment

- Protective helmet
- Hearing protection
- Safety glasses with side protection
- Dust mask in dusty environments
- Protective gloves
- Protective boots

## SERVICE AND MAINTENANCE

Regular maintenance is a prerequisite for the machine to remain a safe tool. Carefully follow the operating instructions. Replace damaged and worn components in time. For major service to the machine, contact your nearest authorized workshop. When cleaning mechanical parts with a solvent, make sure that you comply with current health and safety regulations and that there is satisfactory ventilation.

