

# PROLINETOOLS® Portable Router

## Installation Instructions *(Continued)*

### EQUIPMENT MAINTENANCE

Assess, maintain, and replace all worn attachments regularly. The motor and pulley bearings have been lubricated and do not require additional lubrication. Wipe dust and debris from equipment often, to prevent accumulation. Only qualified personnel should install, maintain, or troubleshoot this equipment.

## Limited Warranty

Unless otherwise provided, the router is warrantied against manufacturer defects workmanship and materials for a period of six months. All warranty claims should be submitted to the distributor the router was purchased from prior to the expiration of the warranty period. Products requiring warranty service will be shipped free of charge at the risk of the party requiring warranty service. Once received, the product will either be repaired or replaced depending on the condition of the equipment and the claim details.

# PROLINETOOLS®

## PL-500

### Portable Router

DISTRIBUTED BY:

**CASCADE ORTHOPEDIC SUPPLY, LP**

**800-888-0865**

**[www.cascade-usa.com](http://www.cascade-usa.com)**

# PROLINE TOOLS® Portable Router

## Important Safety Warnings

When using electrical equipment, please comply with all warning and precautionary statements to reduce the potential risk of personal injury and equipment damage. Only qualified personnel should install, maintain, or troubleshoot this equipment.

**WARNING:** Fatal injuries may occur if the machine is not operated properly. Do not operate this router until you are completely familiar with the safety warnings of the router, all accessories, and safety equipment. Please refer to this instruction manual for proper use and care of this equipment.

1. Electrical shock can cause serious or fatal injury. Follow the National Electrical Code (NEC) and local codes for the safe installation of this equipment.
2. To prevent electrical shock hazard and accidental machine operation, make sure switch is in the "OFF" position before connecting to a power source.
3. Do not connect to a power source before you ensure the equipment is properly grounded.
4. When using an extension cord, be sure it is in good condition and rated for the required voltage of the equipment. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating.
5. When starting the router for the first time, or after installing an attachment, the operator should keep a safe distance from equipment for least one consistent minute of rotation. This will ensure any debris will be safely voided from the equipment.
6. Tool rests are not recommended to be used with the router. There is the possibility that items can become caught in attachments and can cause serious harm to the operator and machine.
7. This router is supplied without guards. Operator safety may require guards and other suitable safety devices or procedures. These may be specified in safety codes and should be provided for each use. These are neither provided nor are the responsibility of the router manufacturer.
8. A rotating shaft can catch an article of clothing and cause personnel injury. Do not wear loose clothing, neckties, rings, bracelets, or other jewelry that could potentially get caught in moving parts. Nonslip footwear is recommended. Protective hair covering to contain long hair is recommended.
9. Router is not designed to be used with hard or wire wheels.
10. Use attachments that are rated above the maximum RPM rating of the router.
11. Unsuitable accessories or attachments can create safety hazards. Use accessories or attachments only as intended.
12. Always use safety glasses with side shields (or a face shield) when operating router. It is recommended to also use a face or dust mask if use creates dust or debris. Dust or debris created during buffing, grinding, power sanding, and other activities may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
13. Keep children and visitors away from equipment or work area when not in use.
14. Keep work area clean and well lighted.
15. Keep router clean for performance and safety measures.
16. Do not use router in damp or wet locations or expose the equipment to rain. Electrical shock can cause serious or fatal injury.
17. Never leave router running unattended. Always turn power "OFF" after use.
18. Inspect the router often to assess damaged parts and ensure mounting is secure. Check often for any other conditions that may affect the proper use of equipment. All damaged parts should be properly repaired or replaced by qualified personnel.
19. Always disconnect router from the power source before servicing, changing accessories, or before performing maintenance.

## Installation Instructions

Prior to installing the equipment, perform the following safety procedures:

1. Observe the condition of the shipping container and report any damage immediately to the commercial carrier that delivered the equipment.
2. If equipment is unharmed, unpackage equipment and mount router to a solid bench. The router must be securely bolted to a rigid mounting surface. If a pedestal is used, first bolt the pedestal securely to floor, and then bolt the router to the pedestal.
3. Check router nameplate to make certain the rating is correct for the power source, voltage, and frequency. See electrical and grounding instructions for electrical service connection.

### ELECTRICAL INSTRUCTIONS

The single-phase router is equipped with a cord and grounding type plug rated for 115 volts. All attachment plugs and any receptacles must be replaced with components rated for the specified voltage of the router. Be sure to comply with National Electrical Code (NEC) and local wiring codes.

### GROUNDING INSTRUCTIONS

Ensure the equipment is properly grounded before connecting to a power source. Electrical shock can cause serious or fatal injury. Follow the National Electrical Code (NEC) and local codes for safe installation of this equipment.

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric currents to reduce the risk of electrical shock. This router is equipped with an electrical cord that has an equipment grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**Do not modify the plug provided.** If it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electrical shock.

### OPERATING INSTRUCTIONS

1. Do not operate this router until you are completely familiar with how to safely operate the equipment and all accessories. Improper use can lead to severe injury.
2. When starting the router for the first time, or after installing attachments, the operator should keep a safe distance from equipment for least one consistent minute of rotation. This will ensure any debris will be safely voided from the equipment.
3. Always use safety glasses with side shields (or a face shield) when operating router. It is recommended to also use a face or dust mask if use creates dust or debris. Dust or debris created during buffing, grinding, power sanding, and other activities may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
4. A rotating shaft can catch an article of clothing and cause personnel injury. Do not wear loose clothing, neckties, rings, bracelets, or other jewelry that could potentially get caught in moving parts. Nonslip footwear is recommended. Protective hair covering to contain long hair is recommended.
5. After connecting router to power source, turn the switch to "ON." Router should come up to speed smoothly and without vibration. If the router does not, shut the router "OFF" immediately.
6. The equipment was designed to work at a certain feed rate. Never force the router. When used properly, the equipment will be safer and perform optimally.
7. Use extreme care when polishing irregularly shaped or small objects as they can be caught in the attachment and create harm.
8. Always polish from the front of the machine. If the work piece is caught by the attachment, the wheel will normally spin the piece downward.