

TECHNICAL SHEET
POL 50 – Finixa pneumatic polish machine

TECHNICAL INFORMATION

Free Speed	from 1200 rpm to 2400 rpm
Air Inlet	1/4"
Work Pressure	6.2 bar (90psi)
Max. Pressure	6.2 bar (90psi)
Pad	5" to 7"
Weight	0.7 kg
Sound Pressure	96.6 dBa
Sound Power	101.8 dBa
Vibration Level	1.96m/sec ²
Air consumption	6,0 CFM / 170L/min
Box size	360 x 130 x 65 mm



EC DECLARATION OF CONFORMITY FOR MACHINERY (Directive 98/37/EC, Annex II, sub A)

Herewith declare, on our own responsibility, that the product:

POL 50

Is in compliance with the Machinery Directive: 98/37/EC

INSTRUCTION MANUAL

WARNING!! DO NOT DISCARD – BUT GIVE TO USER WARNING!!

Air supply requirements

Supply tool with 6.0 bar of clean, dry air. Higher pressure drastically reduces tool life and/or can cause severe injury. Connect tool to air line using pipe, hose and fitting sizes shown in the diagram above.

Do not install a quick coupler directly into the air tool throttle handle.

In order to have the tool working to full satisfaction the minimum air delivery must be at least 10% higher than the indicated air consumption of the air tool.

Please consult the technical data in this instruction manual.

Operation

To apply sanding strip, raise each lever on the end of sanding shoe. Place one end of paper under clamp and lock lever. Pull paper firmly over sanding shoe and secure clamp.

The free speed can be adjusted by means of the handle or the regulator (L – H).

If an extra support handle is supplied with the tool that it be fitted before the tool is used and hold, if possible hold the tool with your two hands.

Lubrication

Use an airline lubricator with the oil set at two (2) drops per minute. If an airline lubricator cannot be used then once a day add 1 to 2 drops special (SAE 10) air motor oil into the air inlet.

Maintenance

Disassemble and inspect air motor and governor assembly every three months if the tool is used every day. We prefer that you use our distributor to replace damaged or worn parts.

Please use the spare parts list as a guide manual when dismantling or assembling the tool.

High wear parts are indicated as service kit in the parts list. To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.

Pneumatic Polisher safety instructions

The goal is to offer tools that help you work safely and efficiently. The most important safety device for this or any tool is YOURSELF. Your care and good judgement are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones. This tool and its accessories must not be modified. This tool may only be used by qualified people.

For additional safety information consult:

The instruction manual and any leaflet packed with this tool.

Your employer, union and/or trade association.

Council of the European communities and/or local codes.

" Safety requirements for hand-held non-electric Power Tools ". Available from: European committee for standardization, Rue de Stassart 36, 1050 BRUSSELS, BELGIUM

Air supply and connection hazards

Air under pressure can cause severe injury. Always shut off air supply, drain hose of air pressure and disconnect tool from air supply, when not in use, before changing accessories or when making repairs.

Put never direct air at yourself or anyone else. Whipping hoses can cause serious injury. Always check for damaged or loose hoses and fittings. Do not exceed maximum air pressure of 6.2 bar or as stated on the name plate. Do not use quick disconnect couplings at tool. See instructions for correct set-up.

Entanglement dangers

Keep away from moving sanding pad. Do not wear jewelled or loose clothing and avoid long hair.

Choking can happen if neckwear is not kept away from tool and accessories. Scalping can happen if hair is not kept away from tool and accessories. Avoid direct contact with accessories during and after use.

Gloves will reduce the risk of cuts or burns.

Projectile hazards

Even small projectiles can injure eyes and lead to blindness.

Always wear impact-resistant eye and face protection when involved with or near the operation, repair or maintenance of the tool or changing accessories on the tool. Ensure all others in the area are wearing impact-resistant eye goggles and face masks. Never operate the tool while not applying onto the articles. It may run too fast and lead to the accessory to be thrown off the tool.

Workplace hazards:

Slip, trip and fall are main causes of serious injury or death. Be aware of excess hose left on the path or work surface. Maintain a balanced body position and secure footing. High sound levels can lead to permanent hearing loss. Use hearing protection as recommended. Operators and maintenance personnel must be physically able to handle the bulk, weight and power of this tool. This tool is not intended for use in explosive atmospheres and is not insulated for contact with electric power sources.

Additional safety topics

This tool and its accessories must not be modified. Be prepared that the material your tool is made always can have material tiredness. Never use this tool in explosive atmospheres. Take care, the rotation of polisher is always to the right.

Tool applications:

Polisher: To polish painted surfaces

Explanation of the pictograms

Always use hearing protection.

Always use face protection



The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemicar Europe cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the products suitability for their own applications.