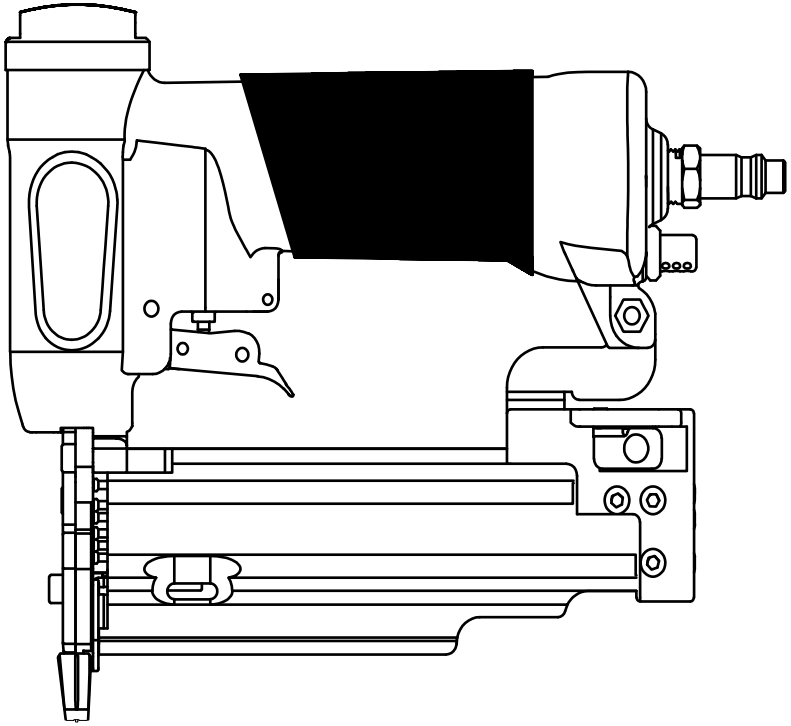
OPERATING MANUAL

Operating Instructions
Maintenance Information
Safety Instructions

MODEL NO.

P635/P635N/P635CT



CAUTION: Before attempting to use or service this tool, carefully read and understand all rules and instructions for safe operation.

NOTE: This manual includes warnings for safe using of this tool, operation instructions and tips on the maintenance and inspection of this tool.

NOTES

SAFETY INSTRUCTIONS

⚠ WARNING

Do not attempt to operate this tool until you read and understand all safety precautions and manual instructions. Failure to follow all safety precautions instructions may result in serious personal injury or property damage.

1. OPERATORS IN WORK AREA MUST BE WORN EYE AND EAR PROTECTION.

Eye and ear protective equipment should be worn when working in the vicinity of the Nailer.
Safety glasses must confirm to the requirements of ANSI Z87.1 and CE 89/686/EEC, and provide both front and side shields protection against flying particles .
The employer must enforce the use of eye protection equipment by the tool operator and others in the work area.

2. NEVER POINT THE TOOL AT YOURSELF OR ANYONE ELSE.

Always keep tool pointed away from yourself or anyone, Whether it contains fasteners or not.
Never use the tool pointed away from the work surface, it will cause injury be occurred.

3. DO NOT CARRY THE TOOL WITH YOUR FINGER ON AND KEEP AWAY THE TRIGGER WHEN YOU HAVE NOT DRIVEN THE TOOL.

Keep fingers away from trigger when you have not drive the tool.
If you have not keep away the trigger, the fastener may be accidentally fired.

4. KEEP VISITORS AWAY.

Visitors should be not handled the tool and keep away from the work place.

5. WEAR PROTECTIVE CLOTHING PROPERLY IN THE WORK PLACE.

Do not wear unsuitable clothing in the work place that may be caught in moving parts.
Wear protective hair covering to contain long hair.

6. STAY WARNING

Do not operate the tool when you are under tired, alcohol, drugs or medication of influence.
It is dangerous when you are driving the tool.

7. NEVER USE IN A COMBUSTIBLE PLACE OR IN THE PRESENCE OF COMBUSTIBLE MATERIALS.

Do not operate the tool on oxygen, combustible gases or any other bottled gases.
Use of the above gases is dangerous, as the tool will be exploded.
The tool must be operated a clean, dry and regulated well-ventilated place.

8. MAXIMUM OPERATING PRESSURE DO NOT EXCEED 110 PSI. (8 BAR)

Operate the tool within the recommended air pressure. Minimum operating pressure is 70 psi.
Do not exceed the maximum pressure to avoid the tool will be bursted.

9. KEEP CLEAN IN WORK AREA.

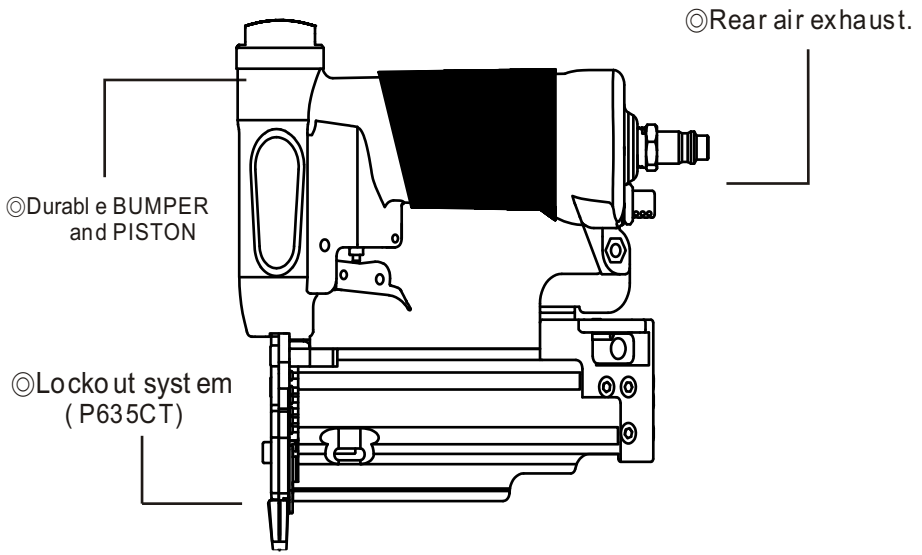
Keep the work area clean and clear away of unnecessary tools, junk furniture, etc.,

10.MAKE SURE SAFETY BEFORE OPERATING TOOL.

Never use the tool unless the safety is operating properly, otherwise the tool could drive unexpectedly.

TOOL OPERATION

Pinner(Mini Brads/Mini Pins)



Tool Specifications

- Dimensions (LxHxW): 196x176x35mm (7.7"x6.9"x1.4")
- Weight: 0.8 kgs (1.76 Lbs)
- Operating Pressure : 4.8 ~ 7.6 bar (70 ~ 110 psi)

Pins/Brads Specifications

- Magazine Capacity : ~120 Brads/Pins
- Specification:Mini Brads/Mini Pins
  23Ga. Φ0.64mm (0.025")
- Length : 12,15,18,22,25,30,35,mm

Tool Features

- Lockout system(P635CT).
- Easy side loading magazine.
- Suitable headless and small head pin.
- Rear air exhaust.
- Low of the air consumption.
- Durable BUMPER and PISTON.

TROUBLESHOOTING

WARNING

If any of the following problems occur, stop using the tool immed iately.
Most problems can be resolved quickly and easily by the table below.
If still can not resolve the problems, please contact service center only.

PROBLEM	Why	CORRECTIVE ACTION
Tool jams.	Driver guide worn or damaged.	Replace driver guide.
	Driver is damaged.	Replace driver.
	Magazine or nose screws loose.	Tighten screws.
Slow or weak drive.	Tool not lubricated enough.	Lubricate the tool.
	Check the air pressure.	Increase air pressure.
	Exhaust parts broken.	Replace damaged internal parts.

TOOL INSPECTION

CLEAN THE TOOL

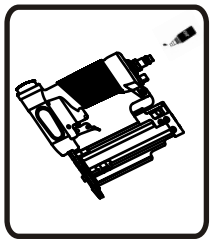
- Never use kerosene or flammable solutions to clean the tool. It may cause death or serious injury.
- Remove all tar buildup.

MAINTAIN AIR SUPPLY SYSTEM

- Open the drain on the air compressor tank to drain any moisture at least daily in extremely cold or humid weather.
- Keep a few ounces of anti-freeze in the tank will frost the air free.

LUBRICATION

WARNING **It is important for tool be properly lubricated. The tool need tol ubrication daily. Without lubricating properly, the tool will not work andparts will wear rapidly.**



※ Do not connect the air supply with tool before lubricating.
※ If a filter/regulator/lubricator is not installed on the air system, supply 5-10 drops of tool.
pneumatic tool lubricant into the air plug on the tool twice a day.
※ Do not use detergent oil or additives. These lubricants will harm the O-Rings and other rubber parts.
※ Keep the lubricator filled with tool lubricant.
※ Use the proper lubricant in the air line lubricator.
※

INSPECTING TRIGGER AND SAFETY MECHANISM

Check trigger and safety mechanism operation smoothly and regularly No binding or sticking parts..

COLD WEATHER CARE

If the temperatures are below freezing, tools should be kept warm by any convenient, safe method .
Bring tool to a warm area and following procedure should be used to warm up the tools.

- ∨ Reduce the regulated pressure to 30 psi.
- ∨ Remove all nails from the tool.
- ∨ Connect the air hose and reduce air pressure will be enough to blank-fire the tool.
- ∨ Slow speed operation tends to warm up the moving parts. It will help the bumper and the O-rings to become springy.
- ∨ Once the tool is warmed up, readjust the regulator to the proper working pressure and reload the tool.

TOOL INSPECTION

⚠ WARNING

Do not connect air supply and remove all nails from tool when: 1. Doing maintenance and inspection.
2. Clearing a jam.

INSPECTING THE MAGAZINE

- Do not connect the air supply. Clean the magazine.
- Remove plastic tips or wooden tips which may have accumulated in the magazine.
- Lubricate with tool lubricant.

⚠CAUTION
Check the nail feeder slides smoothly by pulling it with finger.
If not smooth, nails can be driven at an irregular angle and hurt someone.

CLEARING A JAM

Step.1 Do not connect the air supply.
Step.2 Pull pusher assembly back and lock behind pusher stopper.
Step.3 Remove remaining nails in the magazine.
Step.4 Use nipper, clear the jammed nails.
Step.5 Reload nails into magazine.
Step.6 Release locked pusher assembly.

WARNING **If irregular operation occurs, stop using the tool and contact the tool authorized service center immediately.**

Before beginning the tool work, please follow and test the tool by using the checklist below:

1. Wear safety glasses with side shields and ear protection.
2. Inspect all screws must be tightened.
3. Disconnect air hose from tool.
4. Do not load any nails in the tool.
5. Check the trigger and safety mechanism move smoothly before operation.
6. Inspect the Pusher Assembly go smoothly with pulling back the nail feeder.
7. Adjust the air pressure to 70 psi. Connect the air hose.
8. Check the tool must not leak air. If it tested leak air, stop operating and connecting the tool authorized center.
9. If not irregular operation is observed, Following the steps below.

WARNING **NEVER USE TOOL IF AIR LEAKS. IF irregular operation occurs, contact the tool authorized service center immediately.**

TROUBLESHOOTING

WARNING

If any of the following problems occur, stop using the tool immediately.
Most problems can be resolved quickly and easily by the table below.
If still can not resolve the problems, please contact service center only.

PROBLEM	Why	CORRECTIVE ACTION
Tool drives properly during normal operation, but won't drive fully at faster speeds.	The diameter inside of air hose need to check.	Increase air flow to tool, use large air lines.
Tools drive too deeply into wood.	Excessive air pressure.	Reduce air pressure.
	Worn bumper or piston required.	Replace bumper or piston.
Air leaks at cap when tool is connected to air.	Air leaks.	Tighten cap screws.
Air leaks between housing and nose.	Loose screws in housing.	Tighten screws.
	Damaged o-rings.	Replace o-rings.
	Damaged bumper.	Replace bumper.
Nail jams.	Drive a blent.	Use recommended nails. Or replace undamaged nails.
Tool missing fire	Worn bumper	Replace bumper
	Dirt in nose	Made it cleaned.
	Worn o-ring on piston or lack of lubrication	Replace o-ring or lubricate.
	Worn o-ring in trigger valve.	Replace o rings.
	Air leaks.	Replace seal.
	Cap seal leaking.	Tighten screws and fittings.

AIR SYSTEMS

1. WORKING ENVIRONMENT

- No flammable gas, liquid or other flammable objects at work area.
- Keep clear the area of children or unconcerned person.

⚠ CAUTION !
DO NOT EMPTY-FIRE THE TOOL AT HIGH PRESSURE.

2. AIR SYSTEM INSTALLATION

- The power source is used dry, clean, regulated compressed air for the tool.
- All pipes supplying air have ensure a large enough air and size supply. The Minimum hose size is 1/4" with ½" inch inside diameter used for any application over 25 feet.
- Air compressors must be complied with the requirements of the latest version of ANSI Standard B 19.3 "Safety Standard For Compressors For Process Industries" when be used to supply compressed air in this tool.
- Keep dry and clean in the air compressor to avoid moisture or oil into the tool. The moisture or oil will hasten corrosion in the tool.

3. FILTER/REGULATOR/LUBRICATOR UNITS

- Regulated pressure range from 0 ~120 psi (0 ~ 8.3 bar).
- Filter/regulator/lubricator units that can supply an optimum condition and protection for the tool.
- Filter-The filter must be avoid moisture and dirt in the compressed air.
  Drain away regularly unless fitting with an automatic drain.
  Maintain the filter clean daily.
- Regulator-Lubricators controlled for safe operation and changing airflow.
  Be sure the regulator operates regularly before operation.
- Lubricator-The lubricator supplies an oil mist to the tool.
  Be sure the lubricator supply of lubricant is adequate before operation.