

MAX®

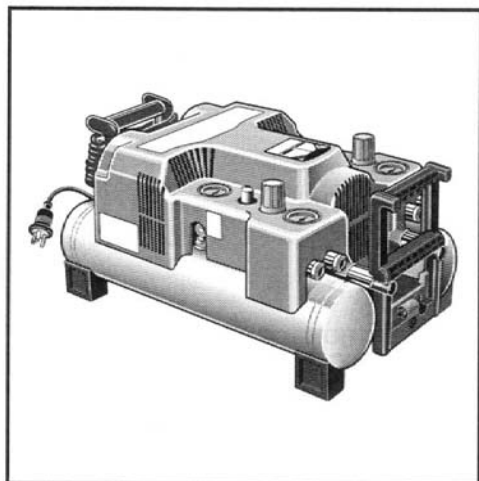
PowerLite™ Compressor

AKHL1050E(USA)

HIGH PRESSURE COMPRESSOR

COMPRESSEUR À HAUTE PRESSION

COMPRESOR DE ALTA PRESIÓN



OPERATING and MAINTENANCE MANUAL

MANUEL D'UTILISATION et D'ENTRETIEN

MANUAL DE OPERACIONES Y MANTENIMIENTO

▲ WARNING:

BEFORE USING THIS COMPRESSOR, STUDY THIS MANUAL TO ENSURE SAFETY WARNING AND INSTRUCTIONS.
KEEP THESE INSTRUCTIONS WITH THE TOOL FOR FUTURE REFERENCE.

▲ AVERTISSEMENT:

AVANT D'UTILISER CET OUTIL, LIRE CE MANUEL ET LES CONSIGNES DE SECURITE AFIN DE GARANTIR UN FONCTIONNEMENT SUR.
CONSERVER CE MANUEL EN LIEU SUR AVEC L'OUTIL AFIN DE POUVOIR LE CONSULTER ULTERIEUREMENT.

▲ ATENCIÓN:

PARA EVITAR GRAVES DAÑOS PERSONALES O EN LA PROPIEDAD, ANTES DE EMPLEAR LA HERRAMIENTA, LEER CON ATENCIÓN Y COMPRENDER LOS SIGUIENTES INSTRUCCIONES DE SEGURIDAD.

AKHL1050E

HIGH PRESSURE COMPRESSOR

INDEX

1. SAFETY INSTRUCTIONS	5
2. SPECIFICATIONS & TECHNICAL DATA.....	9
3. INSTRUCTIONS FOR OPERATION	10
4. OPERATION OUTPUT AUTOMATIC CHANGEVER MECHANISM.....	14
5. PROTECTIVE DEVICE	14
6. ABNORMALITIES DURING OPERATION	16
7. OTHER PRECAUTIONS.....	16
8. PERFORMANCE MAINTENANCE	16
9. STORING	17
10.TROUBLESHOOTING/REPAIRS	17

OPERATING and MAINTENANCE MANUAL



WARNING:

BEFORE USING THIS TOOL, STUDY THIS MANUAL TO ENSURE SAFETY WARNING AND INSTRUCTIONS.

KEEP THESE INSTRUCTIONS WITH THE TOOL FOR FUTURE REFERENCE.



READ THE INSTRUCTION HANDBOOK

Before positioning, operating or adjusting the compressor, read the instruction handbook carefully.



RISK OF ELECTRIC SHOCK

WARNING: Before doing any work on the compressor it must be disconnected from the power supply.



RISK OF HIGH TEMPERATURES

CAUTION: The compressor contains some parts which might reach high temperatures.



RISK OF ACCIDENTAL START-UP

CAUTION: The compressor could start automatically in case of a black-out and subsequent reset.



1. SAFETY INSTRUCTIONS

WARNING:

TO AVOID SEVERE PERSONAL INJURY OR PROPERTY DAMAGE, BEFORE USING THE TOOL, READ CAREFULLY AND UNDERSTAND THE FOLLOWING " SAFETY INSTRUCTIONS ".

PRECAUTIONS ON USING THE COMPRESSOR

IMPORTANT INFORMATION

Most accidents that result from compressor operation and maintenance are caused by the failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing appropriate safety procedures.

Basic safety precautions are outlined in the " SAFETY " section of this Instruction Manual and in the sections which contain the operation and maintenance instructions.

Hazards that must be avoided to prevent bodily injury or machine damage are identified by WARNINGS on the compressor and in this Instruction Manual.

Never use this compressor in a manner that has not been specifically recommended by manufacturer, unless you first confirm that the planned use will be safe for you and others.

DEATH OR SERIOUS BODILY INJURY COULD RESULT FROM IMPROPER OR UNSAFE USE OF COMPRESSOR. TO AVOID THESE RISKS, FOLLOW THESE BASIC SAFETY INSTRUCTIONS.

POWERLITE COMPRESSOR PROVIDES BOTH HIGH PRESSURE AND REGULAR PRESSURE AIR. FOR USAGE OF HIGH PRESSURE AIR, POWERLITE COMPRESSOR IS DESIGNED ONLY FOR MAX POWERLITE NAILERS AND POWERLITE HOSE. UNSPECIFIED USAGE WILL CAUSE SERIOUS ACCIDENTS.



1. NEVER TOUCH MOVING PARTS

Never place your hands, fingers or body parts near the compressor's moving parts.

2. NEVER OPERATE WITHOUT ALL GUARDS IN PLACE

Never operate the compressor without all guards or safety features in place and in proper working order. If maintenance or servicing requires the removal of a guard or safety features, be sure to replace the guards or safety feature before resuming operation of the compressor.



3. ALWAYS WEAR EYE PROTECTION

Always wear safety goggles or equivalent eye protection. Compressed air must never be aimed at anyone or any part of the body.

4. PROTECT YOURSELF AGAINST ELECTRIC SHOCK

Prevent body contact with grounded surfaces such as pipes, radiators, ranges and refrigeration enclosures. Never operate the compressor in damp or wet locations.



5. DISCONNECT THE COMPRESSOR

Always disconnect the compressor from the power source and remove the compressed air from the air tank before servicing, inspecting, maintaining, cleaning, replacing or checking any parts.

6. AVOID UNINTENTIONAL STARTING

Do not carry the compressor while it is connected to its power source or when the air tank is filled with compressed air. Be sure the knob of the pressure switch in the " OFF " position before connecting the compressor to its power source.

7. STORE COMPRESSOR PROPERLY

When not in use, the compressor should be stored in dry place. Keep out of reach of children. Lock-out the storage area.

8. KEEP WORK AREA CLEAN

Cluttered areas invite injuries. Clear all work areas of unnecessary tools, debris, furniture, etc.

9. KEEP CHILDREN AWAY

Do not let visitors contact compressor extension cord. All visitors should be kept safely away from work area.

10. DRESS PROPERLY

Do not wear loose clothing or jewelry. They can be caught in moving parts. Wear protective hair covering to contain long hair.

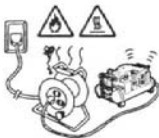


11. DON'T ABUSE CORD

Never yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.

12. MAINTAIN COMPRESSOR WITH CARE

Follow instructions for lubricating. Inspect cords periodically and if damaged, have repaired by authorized service facility.



13. OUTDOOR USE EXTENSION CORDS

When compressor is used outdoors, use only extension cords intended for use outdoors and so marked.

14. STAY ALERT

Watch what you are doing. Use common sense. Do not operate compressor when you are tired. Compressor should never be used by you if you are under the influence of alcohol, drugs or medication that makes you drowsy.



15. CHECK DAMAGED PARTS AND AIR LEAK

Before further use of the compressor, a guard or other part is damaged should be carefully checked to determine that it will operate properly and perform its intended function.

Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, air leak, and any other conditions that may affected its operation.

A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this Instruction Manual. Have defective pressure switches replaced by authorized service center.

Do not use compressor if switch does not turn it on and off.

16. HANDLE COMPRESSOR CORRECTLY

Operate the compressor according to the instructions provided herein. Never allow the compressor to be operated by children, individuals unfamiliar with its operation or unauthorized personnel.

17. KEEP ALL SCREWS, BOLTS AND COVERS TIGHTLY IN PLACE

Keep all screws, bolts, and plates tightly mounted.

Check their conditions periodically.

18. KEEP MOTOR AIR VENT CLEAN

The motor air vent must be kept clean so that air can freely flow at all times. Check for dust build-up frequently.



19. OPERATE COMPRESSOR AT THE RATED VOLTAGE

Operate the compressor at voltages specified on their nameplates. If using the compressor at a higher voltage than the rated voltage, it will result in abnormally fast motor revolution and may damage the unit and burn out the motor.



20. NEVER USE A COMPRESSOR WHICH IS DEFECTIVE OR OPERATING ABNORMALLY

If the compressor appears to be operating unusually, making strange noises, or otherwise appears defective, stop using it immediately and arrange for repairs by an authorized service center.

21. DO NOT WIPE PLASTIC PARTS WITH SOLVENT

Solvent such as gasoline, thinner, benzene, carbon tetrachloride, and alcohol may damage and crack plastic parts. Do not wipe them with such solvents. Wipe plastic parts with a soft cloth lightly dampened with soapy water and dry thoroughly.

22. USE ONLY GENUINE REPLACEMENT PARTS

Replacement parts not original may void your warranty and can lead to malfunction and resulting injuries. Genuine parts are available from your dealer.



23. DO NOT MODIFY THE COMPRESSOR

Do not modify the compressor. Always contact the authorized service center any repairs. Unauthorized modification may not only impair the compressor performance but may also result in accident or injury to repair personnel who do not have the required knowledge and technical expertise to perform the repair operations correctly.

24. TURN OFF THE SWITCH WHEN THE COMPRESSOR IS NOT USED

When the compressor is not used, turn the switch OFF, disconnect the plug from the power source and open the drain cock to discharge the compressed air from the air tank.



25. NEVER TOUCH HOT SURFACE

To reduce the risk of burns, do not touch tubes, heads, cylinder and motors.

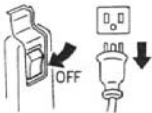
26. DO NOT DIRECT AIR STREAM AT BODY

Risk of injury, do not direct air stream at persons or animals.



27. DRAIN TANK

Drain tank daily or after 4 hours of use.
Open drain fitting and tilt compressor to empty accumulated water.



28. DO NOT STOP COMPRESSOR BY PULLING OUT THE PLUG

Use the "ON/OFF" switch.

29. USE ONLY MAX POWERLITE NAILERS, POWERLITE HOSE AND MAX GENUINE PARTS FOR MAX POWERLITE COMPRESSOR

30. REPLACEMENT PARTS

When servicing, use only MAX genuine parts. Repair should be conducted only by authorized service center.



31. NEVER USE A TRANSFORMER



32. NEVER CONNECT THE COMPRESSOR TO AN ENGINE GENERATOR OR DIRECT-CURRENT POWER SUPPLY.

The compressor will break or be damaged from burning.



33. NEVER INSTALL THE MACHINE IN THE RAIN OR IN A PLACE SPLASHED WITH WATER OR EXPOSED TO HIGH TEMPERATURE.

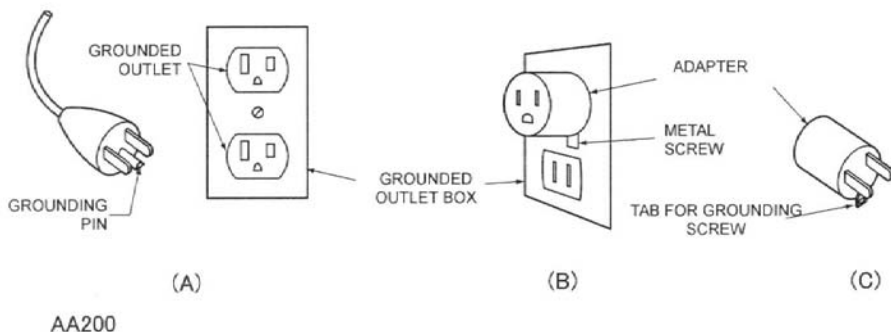
Using it in the wet condition could cause an electric shock or a short-circuit, resulting in a fire due to burnout or ignition.

GROUNDING INSTRUCTIONS

This compressor should be grounded while in use to protect the operator from electric shock. The compressor is equipped with a three-conductor cord and three-prong grounding type plug to fit proper grounding type receptacle.

The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your units is for use on less than 150 volts, it has a plug that looks like that shown in sketch (A) in figure on the right. An adapter, see sketches (B) and (C), is available for connecting sketch (A) type plugs to two-prong receptacles. The green-colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground, such as a properly grounded outlet box.

NOTE: the grounding adaptor, sketch (C), is prohibited in Canada by Canadian Electrical Code Part1. Therefore, the instructions for its use are not applicable in Canada.



EXTENSION CORD

Use only three-extension cords that have three-prong grounding type plugs and three-pole receptacles that accept the compressors plug. Replace or repair damaged cord. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table shows the correct size to use depending on cord length and name plate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Tab.1 SECTION VALID FOR A MAX LENGTH OF 65'(20m)

COMPRESSOR	HP	kW	220/230V (mm ²)	110/120V (mm ²)
AKHL1050E(USA)	2	1.5	/	4-6(5/32-15/64"sq inch)

⚠ WARNING:

Avoid electrical shock hazard. Never use this compressor with a damaged or frayed electrical cord or extension cord. Inspect all electrical cords regularly. Never use in near water or in any environment where electric shock is possible.

2. SPECIFICATIONS AND TECHNICAL DATA

1) SPECIFICATIONS

Product No.	AKHL1050E(USA)
Power supply	115V/60Hz
Rated current	15A
Motor power	2HP
Range of pressure switch	ON 27bar/385psi

2) TECHNICAL DATA

Noise

AKHL1050E(USA)

80 dB (A)

For the European market, the compressor tanks are manufactured to meet Directive CE 87/404

For the European market, the compressors are manufactured to meet Directive CE 98/37.

Acoustic pressure measured free-field at a distance of 1m: ± 3 dB (A) at maximum operating pressure.

The level of acoustic pressure can increase from 1 to 10dB (A) according to the place in which the compressor is installed.

3. INSTRUCTIONS FOR OPERATION

▲ WARNING:

READ SECTION TITLED " SAFETY INSTRUCTIONS " **WEAR SAFETY GLASSES OR GOGGLES**

Danger to the eyes always exists due to the possibility of dust being blown up by the exhausted air or of a fastener flying up to the improper handling of the tool. For these reasons, safety glasses or goggles shall always be worn when operating the tool.

The employer and/or user must ensure that proper eye protection is worn. Eye protection equipment must conform to the requirements of the American National Standards Institute, ANSI Z87.1 (Council Directive 89/86/EEC of 21 DEC, 1989) and provide both frontal and side protection.

NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.

NOTE: The information contained in this Instruction Manual is designed to assist you in the safe operation and maintenance of the compressor.

Some illustrations in this Instruction Manual may show details or attachments that differ from those on your own compressor.

INSTALLATION



- 1. NEVER USE THE MACHINE IN A PLACE WHERE ANY VOLATILE COMBUSTIBLE SUBSTANCE HAS BEEN STORED.**

Never use it near gasoline, thinner, gas, paint or adhesive agent, because they could be ignited or blow up.



- 2. NEVER USE THE MACHINE NEAR THE HEAT OF FIRE OR ANY COMBUSTIBLE SUBSTANCE.**



- 3. NEVER USE THE MACHINE IN AN UNSTABLE PLACE.**

Never use it in a place where it could move or fall of itself.



- 4. AVOIDING A PLACE EXPOSED TO HIGH TEMPERATURE OR THE DIRECT SUNSHINE, BE SURE TO USE THE MACHINE IN THE WELL-VENTILATED SHADE.**

Using it under high temperature or in the direct sunshine not only deteriorates its durability, but increases the temperature of the main body, causing danger to your safety. Be sure to use it in the well-ventilated shade.



- 5. DO NOT INSTALL THE MACHINE IN A DUSTY(WOODEN CHIPS, ETC.) PLACE.**

- 6. INSTALL THE MACHINE IN THE APPROPRIATE DIRECTION.**

Install it appropriately.



- 7. NEVER INSTALL THE MACHINE IN THE RAIN OR IN A PLACE SPLASHED WITH WATER OR EXPOSED TO HIGH TEMPERATURE.**

Using it in the wet condition could cause an electric shock or a short-circuit, resulting in a fire due to burnout or ignition.

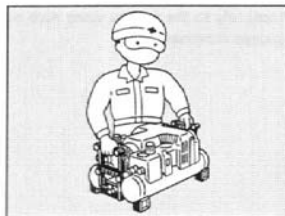
- 8. NEVER BLOCK A VENTILATION OPENING OR USE THE MACHINE IN A BOX OR A NARROW PLACE(IN A VEHICLE, ETC.)**

Neglect of this may generate abnormal heat, causing a trouble or an accident.



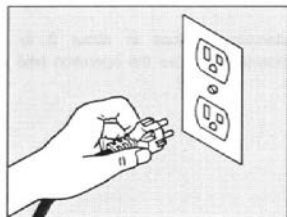
- 9. NEVER SIT OR PLACE AN OBJECT ON THE TOP OF THE MACHINE.**

Neglect of this could cause a trouble or break it.



USE INSTRUCTIONS

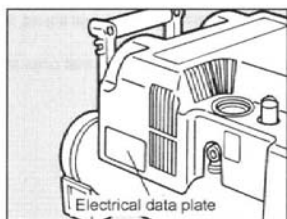
Take care to transport the compressor correctly, do not overturn it or lift it with hooks or ropes



ELECTRICAL CONNECTION

The compressors are supplied with an electrical cable and a two-pole+earth plug. The compressor must be connected to a grounded power socket.

Connect a plug, with screw-on grommet and securing collar to the cable, consulting the table below.



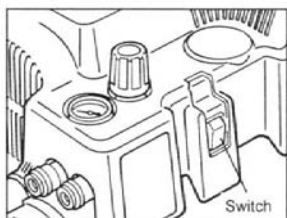
STARTING

Check that the mains power matches that indicated on the electrical data-plate - the permissible tolerance range is $\pm 5\%$.

Turn the switch to "0" (OFF) position "0". Fit the plug in the power socket and turn on the switch to "1" (ON), start the compressor, turning the pressure reaches maximum value and restarts it when it falls to minimum value.

The compressor stops when it reaches maximum operating pressure and restarts automatically when the pressure inside the tank drops.

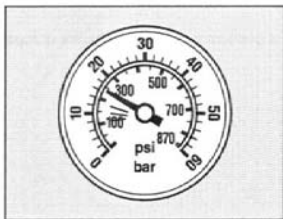
After connecting the compressor to the power line, load it to maximum pressure and check exactly how the machine is operating.



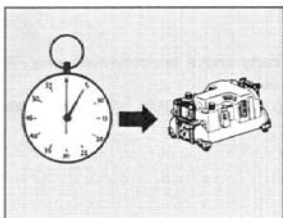
NOTE: The head/cylinder/delivery tube unit can reach high temperatures. Take care when working near these parts, and do not touch them to avoid possible burns.



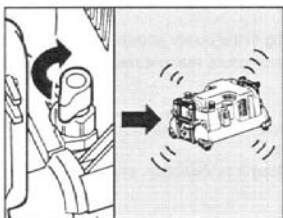
1. With a drain cock fully opened, turn on the Power switch.
2. Make sure that the motor is running and the air is coming out of the drain cock.
3. Close the drain cock and make sure that the air is not leaking from it.



4. Turn the reducing valve adjusting handles(2 places) fully to the right to make sure with both of them that the indication of the pressure gauges increases.



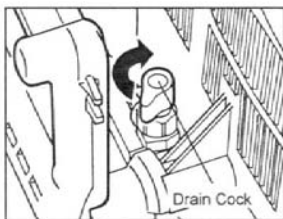
5. Make sure that compression operation automatically stops in about 3 to 6 minutes.(Except when the auxiliary tank is connected, because the operation time is longer at the time of voltage drop(see Page 18))



6. After operation has stopped, wait for 5 minutes or so to check for any abnormal sound, air leak or a sign of restart-up.
7. Open the drain cock slightly to discharge the compressed air. Make sure that once the pressure drops, the machine is restarted.



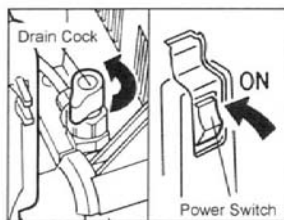
8. Close the drain cock. Turn off the power during compression operation to make sure that operation stops.
9. Turn the reducing valve adjusting handles(2 places) to the left to make sure with both of them that the indication of the pressure gauges decreases.(You may hear an air leak sound, but it is not a trouble.)



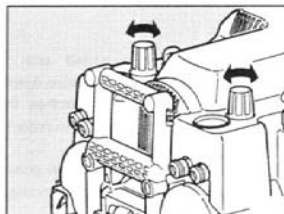
10. Open the drain cock to discharge all of the compressed air and drain from inside the air tank.
If any abnormality is found in inspection/checking prior to operation, contact our nearest distributor or MAX Authorized distributors for inspection/repairing.

[OPERATING PROCEDURE]

Prior to using the tool, be sure to go through "Inspection/Checking Prior to Operation" on Page 14.



1. Close the drain cock and turn on the Power switch.



2. Once the pressure has increased and operation has stopped, turn the reducing valve adjusting handle to adjust to the appropriate working pressure of the nail driver/pneumatic tool. To adjust the pressure, turn the reducing valve adjusting handle to the left to decrease the pressure to 28psi(2 kgf/cm²) lower than the appropriate value. Then, turn the handle to the right to adjust the pressure, gradually increasing it.

※ When adjusting the pressure, be sure to increase it from lower than the appropriate pressure. If adjustment is made by decreasing from higher than the appropriate pressure, there will be an error between the indication of the pressure gauge and actual working pressure. (Characteristic of the reducing valve)

※ This tool has two reducing valves which can be connected to MAX Powerlite Nailer and a general nail driver/pneumatic tool.

<Reducing valve H > Can be connected to MAX Powerlite Nailer.

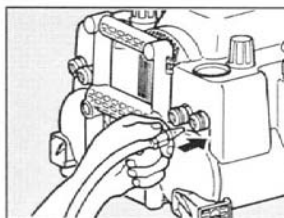
<Reducing valve L > Can be connected to the regular pressure nailer(working pressure of 128psi(9kgf/cm²)) or lower).

▲ WARNING:

Be sure to observe the working air pressure of the Nailer.

Without adjusting the supply pressure with the reducing valve, using the nail driver/pneumatic tool could considerably deteriorates its performance, shortens its service life or damage it, causing danger to you.

※ If the nail driver/pneumatic tool is used at inappropriate pressure(higher than necessary), more air may be consumed, considerably lowering continuous working performance of the nail driver/pneumatic tool. Be sure to use it at appropriate pressure.



3. After adjusting the supply pressure, connect an air hose to an air outlet(air chuck). Now, you are ready to start operating the machine.

4. Connect a MAX Powerlite Nailer MAX powerline Hose to the special air fitting on the part of the reducing valve H.
- Connect a general nail driver air hose to the air chuck on the part of the reducing valve L.
- ※ Connection to the female fitting is made by simply pressing an male fitting into it.

⚠ WARNING:

Prior to connecting the air hose to the machine, be sure to check that air hose and hose fitting have been completely secured.

4. OPERATION OUTPUT AUTOMATIC CHANGEOVER MECHANISM

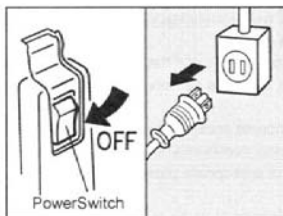
In order to maximize discharge performance, the machine is provided with a microcomputer-based operation output automatic changeover mechanism. Operation output is automatically adjusted while the tank internal pressure of the machine reaches the maximum pressure of 2.94 MPa. When this is done, an operation sound changes in order to switch operation output, but it is not a trouble.

- ※ The output changeover pressure varies depending on the capacity of the main power source, use of an extension cord or use of other electric device. If the voltage is too high or too low, the charging time becomes longer.
- ※ If the charging time is too long or the pressure does not increase, recheck a connection to the power source(connect to the main power source) or avoid combined use with an electric tool.

5. PROTECTIVE DEVICE

If there is a considerable voltage drop or an abnormality inside the machine at the time of operation, a motor burnout preventive thermal protector may be activated to stop the motor. If this is the case;

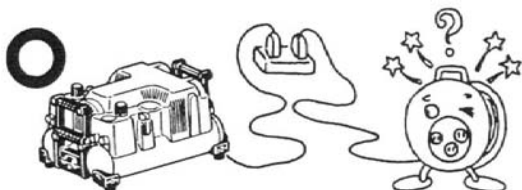
1. Turn off the Power switch and disconnect the power plug from the plug socket.
2. Check whether a circuit breaker of 115 V AC, 15 A or higher current capacity is used, whether the extension cord is reasonably long, neither too long nor too fine, or whether or not the identical power source is also used for other electric tool, etc. If so, stop using the extension cord or electric tool.



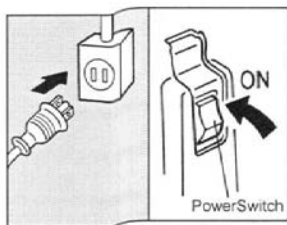
⚠ WARNING:

When using the extension cord or drum cord, be sure to use those of "2.0 mm² or thicker and up to 30 m long," in the fully stretched condition.

- ※ In order to prevent a voltage drop due to use of the extension cord, connect the machine directly to the main power source, avoiding use of the extension cord as much as possible.



- ※ When the main power source is of less than 115 V or when other electric tool is used simultaneously, the voltage will drop more.
- ※ The power breaker may be activated, if other electric tool is used on the identical power source and the total current consumption value exceeds the current capacity of the power breaker. If this is the case, avoid combined use with the electric tool on the identical power source.



3. Connect the power plug to the electric outlet socket and turn on the Power switch to restart operation.

- ※ Unless the motor is fully cooled down, the protective device may be reactivated immediately, even if the machine is run again. Also, the machine may not run if the Power switch is turned on. If this is the case, cool it down naturally for about 30 minutes.

4. If the protective device is activated despite that nothing is wrong with the power source or wiring, the machine is possibly out of order. Contact our nearest distributor or MAX SERVICE for inspection/repairing.

⚠ WARNING:

- Never use a transformer such as a booster for the power source of the machine. Neglect of this causes a trouble or burnout.(Use of the booster prevents the machine from being activated.)
- Never use the machine with an engine generator or on the DC power. Neglect of this causes a trouble or burnout.



6. ABNORMALITIES DURING OPERATION

WARNING:

Never use the machine if any abnormality is found.

When any one of the following abnormalities is found, turn off the Power switch immediately, disconnect the power plug from the plug socket, and contact our nearest distributor or MAX Authorized distributors for inspection/repairing.

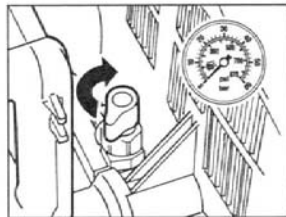
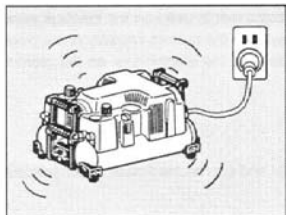
1. There is nothing wrong with the power source or wiring(see "PROTECTIVE DEVICE" on Pages 14), but the following phenomena are encountered:
 - **The machine is not activated by turning on the Power switch.**
 - **The motor roars.**
2. An abnormal sound is emitted during operation.(See "OPERATION OUTPUT AUTOMATIC CHANGEOVER MECHANISM" on Page 19)
3. The pressure switch is not activated, but the safety valve is activated, causing the compressed air to spout.
4. The air is leaking.
5. The pressure does not increase.(See Page 19)
6. Touching a metal part makes you feel a slight electric shock.
7. Other abnormality is found during operation.

7. OTHER PRECAUTIONS

1. When Using the Machine in the Cold District
In order to prevent functional faults due to freezing,
 - i) Warm up the machine prior to using it.
 - ii) Prior to using the machine, connect the power plug directly to the main power source and warm it up(run it for some time with the drain cock opened). When using the extension cord or drum cord, be sure to use those of "5/32"(4mm²)or thicker and up to 65'(20 m) long." in the fully stretched condition.
2. When Using the Auxiliary Tank
In order to prevent an accident or reduced performance due to an erroneous connection,
 - i) Be sure to read the instruction manual for the auxiliary tank used.
 - ii) Be sure to use the specified special air chuck for the special auxiliary tank connection part of the machine.
 - iii) When attaching/detaching a special air hose joint used to link between the machine and special auxiliary tank, make sure that the air tank of the machine is not filled with the compressed air.

8. PERFORMANCE MAINTENANCE

1. Discharge the drain(water) from the machine.
After completion of work, open the drain cock gradually to fully discharge the compressed air and drain(water) from inside the air tank until the needle of the pressure gauge has pointed at 0.
 - ※ Unless the drain(water) is discharged, rust will take place inside the air tank, causing a trouble.
2. Inspect the machine periodically.
In order to maintain the performance of the machine, clean and inspect it periodically. Contact our nearest distributor or MAX SERVICE for inspection.
 - ※ Optionally available air duster is convenient for cleaning the air compressor. Purchase the air duster from our nearest MAX Authorized distributors.





3. Handle the machine carefully.
The machine may be deformed, cracked or broken by dropping, colliding or hitting it. Never drop, collide or hit it because dangerous.
4. Be sure to inspect the machine every time it is used.
Inspect/check the machine according to "FOR YOUR SAFETY" on Page 3.

9. STORING

For the whole time that the compressor is not used before unpacking it, store it in a dry place at temperature between +5°C and +45°C and sheltered away from weather.

For the whole time that the compressor is not used after unpacking it, while waiting to start it up or due to production stoppages, place sheets over it to protect it from dust, which may settle on the components. The operational efficiency of the compressor is to be checked if it is not used for long periods.

10. TROUBLESHOOTING/REPAIRS

The troubleshooting and/or repairs shall be carried out only by the MAX Co., LTD authorized distributors or by other specialists.

IF SMALL TROUBLE HAPPENED...

Compressor no starting

If the compressor has trouble starting, check the following:

- Does mains power match that of the data-plate?
- Are power cable extensions of adequate diameter or length?
- Is power supplied to the electrical line? (sockets well connected, thermal-breaker, fuses in good condition).

Compressor not stopping

- If the compressor does not stop when maximum pressure is reached, the tank safety valve comes into operation. To repair the valve, contact your nearest authorized service center.

IMPORTANT

- Do not unscrew any connection while the tank is pressurized - always check if the tank is pressure free.
- Do not do any jobs on the compressor unless you have disconnected the power plug.
- Temperature in operating ambient 0°C - +35°C.
- Do not aim jets of water or inflammable liquids on the compressor.
- Do not place inflammable objects near the compressor.
- During down-times, turn the pressure switch to position "0" (OFF).
- Never aim the air jet at people or animals.
- Do not transport the compressor while the tank is pressurized.
- Be careful with regard to some parts of the compressor such as the head and delivery tubes, as they can reach high temperatures. Do not touch these parts to avoid burns.
- Transport the compressor, lifting or pulling it with the appropriate grips or handles.
- Keep children and animals well away from the machine operating area.
- If the electrical cable or plug are damaged, do not use the compressor and contact an authorized service center to replace the faulty element with an original spare part.
- If the compressor is located on a shelf or on a top above floor height, it must be secured to prevent it falling while in operation.
- Do not put objects or your hands inside the protective grilles to avoid injury to yourself or damaging the compressor.
- Do not use the compressor as a blunt object toward things or animals, to avoid serious damage.
- When you have finished using the compressor, always remove the plug from the power socket.

PNEUMATIC CONNECTIONS

Make sure you always use pneumatic Hoses for compressed air with maximum pressure characteristics that are adequate for the compressor.