

### **Instructions for use heating torch**

Heating torch PB is designed for repair work, sunbathing and other kinds of intense heating. The principle is based on combustion of PB with the primary air intake.

The burner consists of a handle with sleeve connection hose, shut-off valve (adjustable slam) connecting tubes and burner chamber.

### **Performance and power consumption depending on the size (diameter) of the burner:**

<b><u>Diameter of the burner</u></b>	<b><u>Performance</u></b>	<b><u>Consumption / 1 hour</u></b>
10mm	1400W	100gr/hour
14mm	1700W	120gr/hour
17mm	2000W	140gr/hour
20mm	2100W	150gr/hour
25mm	3700W	265gr/hour
35mm	6300W	450gr/hour
45mm	19500W	1400gr/hour
50mm	28000W	2000gr/hour
55mm	35000W	2500gr/hour
60mm	35000W	2500gr/hour
76mm	54000W	3850gr/hour

### **Application:**

Propane-butane is removed from the bottle in a gaseous state via the pressure regulator. Primary air is sucked into the mixer burner. Connect the burner hose designed for PB diameter 8x16. The torch PB and pressure regulator hose to connect reliably and test for leaks.

With PB burners can be operated by a person over 18 years, well acquainted with the safety regulations according to STN 050610

### **Operating instructions:**

After opening the main (on the bottle) check valve, the valve handle and ignite the burner flame adjust the length - the burners without quick release valve. The burners with quick release valve set the shut-off valve maintenance flame. Custom flame control lever leveling quick release valve. After working with the burner, do not forget to close the main valve on the bottle.

**Supplier: LEVIOR s.r.o.**

### **Technical data / Specifications:**

Device type: Propane, butane / propane, butane

Flame temperature: up to 650 ° C (1202 ° F)

Gas pressure: 2.5-4.0 bar (depending on the controller)

The gas burner must be used together with a suitable gas regulator

**Package Contents:**

Complete torch-handle, nozzle

**Safety instructions for the burner:****General :**

- Before using the equipment properly, read the safety and operating instructions in this manual. Keep the manual in a safe place for the possibility of further consultation.
- Failure to comply with the instructions in this manual may cause serious injury!
- The device or its accessories may not be modified or removed. Repairs may only be performed by persons and companies qualified to do.
- The device may only be used outdoors or in a well ventilated area, preferably away from sources of heat, flame, sparks, dust accumulation and flammable substances.
- Keep out of reach of children
- Use the device only for the purpose for which it is made, never for any other
- While using the device , wear safety goggles , protective clothing free of grease in accordance with applicable regulations , always work on a fireproof , clean surface
- Always keep in mind that working with a highly combustible gas is dangerous , do not neglect

**Before connecting the gas cylinder:**

- Use only the prescribed bottles and burners
- Use of inadequate components can be very dangerous
- Never connect the instrument to the gas tank without studying the instructions
- Make sure that no valves and connections are not damaged, fit well and are tightened
- First connect the hose to the unit, then connect the hose to the tank
- Before connecting, carefully inspect all hoses
- Connect the tubing to the appropriate container in a well ventilated area, never near an open fire or flame, flammable gas or electric cookers.
- Do not remove gas equipment near other people
- Protect gas cylinder to high temperatures. Keep the hose before scorching. Accessories replace if worn.

**Operating conditions - use:**

- Place the machine and other equipment in such a position that he could not move or fall
- To prevent gas leakage, always use a gas bottle properly and use only in a slightly inclined position. Never put a gas bottle during use open flat or upside down
- Never use gas utility underground -eg . in the cellar
- Never No adjustments gas and utility equipment in the open heat sources ( heaters , ovens and open fires )
- Do not use in confined spaces ensure adequate ventilation
- Do not work near flammable materials or oil. Always wear clothing free of grease
- Do not breathe soldering or welding fumes

- Switch off the device at the time of non-use
- Never leave the machine at the time of non-use without supervision. Any extinguishing the flame can allow gas to escape, which is a huge danger
- Keep all gas appliances and tools out of the reach of children
- When using a new or refill the propane bottle with cold device, you may experience fluctuations in the flame. This phenomenon will disappear within a short time
- Whenever you use a gas appliance, even for a short time, pay attention to the heat radiating from the flame (burner, glass). Negligence can lead to severe burns or injuries.
- Never attempt to repair a gas appliance. Let the repair or maintenance of a competent and qualified person.

### **What to do in case of leak discovery:**

When you smell a gas leak, immediately turn off the gas utility and take it to a place with good air circulation. There you can check gas leak. Never try to find the leak with an open flame, always use lye soap.

### **Instructions for use:**

#### **Range of application:**

Your propane device is suitable for the following applications: heat-cut at right angles, adhesive tape, tarring, roof insulation, drying of concrete, removing weeds and moss.

This device works with LPG. If equipped with the appropriate propane regulator can be used with a 5 kg and 33 kg bottles.

Other than the recommended gas bottle can be dangerous.

#### **Before using the device:**

Ensure that all valves and faucets are closed before the start. The threads on the hose and connect the hose to the soldering torch are left-handed. Always check for leaks before use. Never try to find the leak with an open flame, always use lye soap.

### **Lighting and setting up of:**

- Connect the propane regulator to the gas bottle. Make sure the connection is tight (propane regulator is a supplement to buy).
- Then connect the safety latch and then connect to the gas hose to the propane safety latch and handle. Again, make sure that everything is tightened.
- Open the first bottle with valves
- Then open the flap control unit (large control knob + / - symbol). When using a small device or freshly filled gas bottle, allow entrapped air to escape.
- Light the flame at the bottom of nozzle.
- Add the gas flow valves for heavy output. Make sure that the flame does not burn off the edge of the nozzle, it would have cut output and temperature or ignited through the device
- Detention flame persists until the gas cylinder powered. Press the lever saver burner regain full capacity which was set previously.

- For short breaks from work release lever saver machine and weaken the flow of gas and flame retention resumes.
- It is necessary that the mounting bracket is in full compliance with the mounting scheme.
- Avoid twisting the hose

### **Completion of work - turn off the burner:**

Always turn off the flap . Reduce the pressure hose to the normal atmospheric pressure. Before extended breaks or after work is complete, close the flap of the bottle and allow the burner to burn any excess gas. Then close the gas regulator and allow to cool hot parts. Wait until it cools components.

### **Storage or transport conditions:**

Prior to long pauses or moving the device, always disconnect the hose from the tank. Always move the gas tank in the upward position.

Warning: compressed gas cylinders can not be fulfilled. Compliance is prohibited decrees and caused by hazards.

Allow the tank to fill to the appropriate station. Improper filling can lead to serious accidents.

### **Recycling:**

The equipment must be recycled in an appropriate facility. Do not dispose of with normal household waste. For more information, please contact the appropriate office. Use packaging by material type and national rules.