

OWNER'S MANUAL

PROFESSIONAL WEED BURNER MODEL: STJH-1711



IMPORTANT! IT IS ESSENTIAL THAT YOU READ THE INSTRUCTIONS IN THIS MANUAL BEFORE ASSEMBLING, OPERATING AND MAINTAINING THIS PRODUCT.

Thank you for choosing this Sherpa product. It is important that you read the entire manual to become familiar with this product before you begin to assemble and use it. This burner is designed for certain applications only. We strongly recommend that you do not modify or use this for any application other than that for which it was designed.

SPECIFICATION

- Burner Diameter - 50 mm
- Burner Length - 80 mm
- Hose - 5 m with brass fittings
- Hose Type - 6.3mm 30Bar Propane / Butane
- Regulator - 2.5Bar Propane / Inlet POL 105
- Lance Length - 890 mm
- Handle size - 125 mm
- Lance Weight - 0.8 kg
- Ignition Type - Piezo (Button)
- Warranty - 1 Year

INSTRUCTIONS FOR USE

A weed burner removes weeds in a simple, environmentally friendly way. This product is specified for spot weeding. This includes localised weeds or small weeds commonly found on drives, paths and paved areas.

This weed burner is designed for professional use. It is only to be used by a competent professional person.

Protective eye wear, gloves and appropriate clothing must be worn when operating this product.

When flame weeding, the most effective method is to catch weeds early, from 1-4 inches. Weeds over 4 inches are more difficult to kill without multiple flamings.

You do not need to set fire to weeds to kill them. Only enough heat exposure is required to wilt plants. Flame weeding is a slow kill process. By applying extreme heat the cell structure in the plant leaf is destroyed. Weeds will gradually die and dry out after application. They can then be cleared from the area. On patios this is normally possible just by brushing.

For best results, increase exposure to the heat if weeds are wet. Water on the leaves acts as insulation and decreases cell damage unless exposure time is increased.

It is fine to flame when it is wet. Moisture can lessen the threat of ignition of dry debris.

Flame weeding can be applied to almost any plant. Take care around plants you want to keep as the heat will affect these causing damage or destruction. It is not only the flame that can cause plant damage.

Avoid flame weeding near combustible materials.

Take care around the following plant types; conifers, poison ivy, oak or any poisonous plants. These are highly flammable or the vapour / smoke from flamed leaves could cause severe irritation.

This product is not suitable for beds and lawns. The weed burner is for outdoor use only. Be aware of the risk of fire and always have some water at hand to extinguish any fire.

PREPARING THE WEED BURNER

1. Fit the DG-approved hose to the thread on the regulator. Tighten the nut using a spanner.
2. Fit the other end of the hose to the burner handle and tighten the connection using 2 spanners.
3. Before using check that the connections remain sealed under pressure using a leak spray of soapy water in accordance with legislation, the gas hose must be replaced after 5 years.
4. Make sure that the weed burner is off. The adjustment knob (2) should be turned clockwise to stop.
5. The regulator should be fitted to the gas cylinder. Follow the instructions that accompany the regulator carefully.

Start up before using the weed burner:

1. Turn the weed burner down and away from you.
2. Open the adjustment knob / tap on the gas bottle halfway. Then open the pilot light adjustment knob (2) on the handle very lightly, until you can hear a slight hissing sound from the gas at the burner head (3).
3. Press the piezo igniter (5) once or more until the spark lights the flame. Then adjust the pilot light to a suitable level using the adjustment knob (2). The pilot light should be a yellow flame.
4. Pressing the burner handle trigger (4) activates the burner's operating mode. This weeder features a variable trigger (4). The further the trigger is pulled, the larger and hotter the flame. For less heat only depress the part way in.
5. Once the trigger is released, the burner returns to the gas-saving pilot light state.

REMOVING WEEDS

Move the weed burner slowly using a sweeping movement. It is only necessary to heat the weeds until they shrink up. The plant cells will then dry out, and the weeds will wither and die within a few days. The residues can then be removed and composted. Note: Strong, tenacious weeds may require several treatments.

AFTER USE

To stop using the weed burner, turn the knob on the handle to cut the flame. Turn the gas off on the bottle before disconnecting the regulator.

The weed burner head will be very hot after use. Do not touch it and avoid placing it in a place where it may start a fire or cause other damage. Avoid allowing the weed burner to touch easily flammable materials or leave the burner when it is on. After use, remove the regulator from the gas bottle valve in accordance with the instructions.

TROUBLE SHOOTING

- 1) If the gas will not light, this may be because:
 - a) The gas flow is too great. If this is the case, adjust down using the pilot adjustment knob (2). If this is not adequate also adjust the flow of the gas tap on the bottle.
 - b) No Spark. Check the piezo electrode inside the burner head is making a spark when igniter (5) is pressed. Warning: Disconnect the gas bottle from the flame gun before carrying out this operation.
- 2) The flame goes out when weeding
 - a) The gas flow is too low. Increase the gas flow on pilot light knob (2).
 - b) The burner head is too close to the weeds. Steam from the weeds can stifle the flame if too close. Use the weeder from further away. Where safe to do so angle the weeder slightly to the side of the weed allowing inflammable gasses to escape vertically.

DO NOT use if there is any sign of damage to the produce. If there is any sign of the gas hose perishing, replace immediately.

DO NOT use with other people / animals around. Ensure a safe working distance at all times.

DO NOT put the weed burner down or leave unattended when alight.

DO NOT use in a confined area.

Regulator provided is suitable for use with appropriate propane bottles.

The weeder can be run on propane or butane gas types with the appropriate regulator. Regulator: 2.5Bar

Approved accessories for use with STJH-1711:

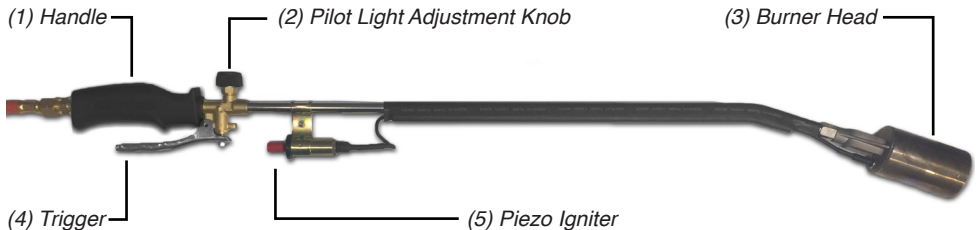
Sherpa Weed Burner Bottle Trolley | Sherpa Weed Burner Arm Support

LIMITED WARRANTY

Except to the extent otherwise provided herein, Sherpa Tools warrants that the Weed Burner Gas Torch ("Product") is free of defects in workmanship and materials. This Warranty extends only to the original consumer purchaser of the product ("Buyer"), is enforceable for a period of one (1) year from the date of original purchase (the "Warranty Period"), and covers only defects in material or workmanship. This Limited Warranty does not cover conditions or malfunctions resulting from normal wear and tear or otherwise due to the normal aging of the Product, neglect, abuse, accident, modifications, alterations, or repairs attempted or made by any entity or individual other than Sherpa Tools. This Warranty does not cover any damage to the Product caused by the environment or other natural events. Claims for breach of this Warranty must be made within the Warranty Period and within 30 days after Buyer discovers the fault. Buyer's remedies with respect to this Warranty are limited to the repair or replacement of defective parts after Sherpa Tools inspection and verification of a covered defect. Any Product to be considered for repair or replacement must be returned by Buyer to a duly authorised Sherpa Tools retail store or service centre. Buyer assumes all risks and liability whatsoever resulting from the use of the Product. In no event shall Sherpa Tools, its members or affiliates, be liable for any direct, indirect, special, incidental or consequential damages, lost revenues or profits, loss of business, or loss of goodwill, resulting from a defect in, or use of, the Product even if Sherpa Tools has been advised of the possibility thereof.

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The provisions of this Warranty and limitation of liability may not be modified in any respect except in writing signed by a duly authorised officer of Sherpa Tools.



Sherpa Tools Ltd.
Weed Burner Gas Torch STJH-1711

If you experience any problems with this product, please do not return to the store. Contact Sherpa Tools direct on our UK helpline.

UK Helpline: 01522 283 020
www.sherpatools.co.uk

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