

# GAS WEED BURNER ON WHEELS

**HDTC80-1** 

# ORIGINAL INSTRUCTIONS



#### **SPECIAL SAFETY INSTRUCTIONS**

Avoid modifying or repairing the weed burner yourself, as this may involve serious safety risks.

Only use original accessories or accessories recommended by the retailer.

Do not use the weed burner if it is damaged, defective or worn.

Use soapy water to check that all connections are sealed before use. Never use a naked flame to perform a leakage test.

Use an approved 5, 11 or 33 kg gas bottle. The gas bottle may only be connected and replaced in the open air. Do not smoke, use a naked flame or electrical equipment while the gas bottle is being connected or replaced.

The gas bottle must stand stable so that it cannot tip over while the weed burner is in use.

The gas bottle must be upright with the regulator facing upwards when in use.

Make sure the hose does not break or twist when using the weed burner.

Keep the gas bottle at a safe distance from heat sources during use. Make sure that the gas bottle and hose do not come into contact with the surfaces you are working on.

Do not leave the weed burner unattended. The burner and the area around it will get very hot during use. Avoid touching these parts and allow them to cool fully before transporting or storing the weed burner.

Avoid inhaling smoke or fumes created as a result of work.

The weed burner and gas bottle should be stored out of the reach of children in a dry, dust-free and well-ventilated location.

Note: The weed burner is intended for private use only.

Preparing the weed burner

- 1. Fit the DG-approved hose (7) to the thread (2) on the regulator (1). Tighten the nut using a spanner.
- 2. Fit the other end of the hose to the burner handle (3) and tighten using a spanner.
- 3. Before using, check that the connections remain sealed under pressure using a leak spray or soapy water. After 5 years or if a leak is suspected, replace the gas hose as required by law.
- 4. Make sure that the weed burner is off. The adjustment knob/valve (4) should be turned clockwise to stop.
- 5. The regulator should be fitted to the gas cylinder.



Start-up before using the weed burner

- Turn the weed burner down and away from you.
- Open the adjustment knob in the top of the regulator halfway. Then open the adjustment knob (4) on the handle very slightly until you can hear a slight hissing sound from the gas at the burner head.
- Press the piezo lighter (5) once or more until the spark lights the flame. Then adjust the pilot light to a suitable level using the adjustment knob (4). If the gas will not light, this may be because the gas flow is too great/powerful. If this is the case, adjust down using the adjustment knob (4) and check that the piezo electrode inside the burner head is making a spark when pressed (5).

Pressing the burner handle 's "trigger" (6) activates the burner 's operating mode. The maximum flame can be adjusted, if necessary, by turning the actual regulator

up or down.

• Once the "trigger" is released, the burner returns to its gas-saving pilot light.

### Switching off

Close the regulator on the gas bottle. Only close the adjustment valve on the gas burner once the flame has gone out so that the last of the gas in the hose and pipe is burnt off.

## Assembling the frame

- 1. Assemble the 2 parts of the frame, which click together.
- 2. Attach the wheels on either side of the trolley by pushing them onto the axles. Then slide a washer to the axle and finally insert the small catch through the hole on the outside of the axle and bend the ends so that it cannot fall out and thus secures the wheel behind the washer.
- 3. The chain is used to secure the gas bottle.

#### **DATA INFORMATION**

Model	HTDC80-1
Inlet connection	35mm
Outlet thread	3/8"BSP LH
Hight pressure gas hose	2m <mark>10</mark> bar
Burner size	45mm

#### **CLEANING AND MAINTENANCE**

Allow the weed burner to cool completely. Blow the weed burner clean with compressed air or wipe it down using a well-wrung cloth.

Important! A weed burner operates at very high temperatures and can easily ignite buildings, fences, nature, etc.

If you use the weed burner, you need to be aware of the instructions below.

Treating weeds using a flame is an environmentally-friendly method of weed control, but also requires full attention and responsible use of the equipment.

- 1. The weeds should not be burned, but seared. Flame-treating weeds, i.e. briefly searing them, destroys the cell walls in the leaves, causing the plant to die within a few days.
- 2. Do not use in drought periods or windy weather. Only use the weed burner if the ground is damp or water the area before use. Always keep fire extinguishing equipment or a bucket of water nearby.
- 3. Keep clear of dry leaves or other combustible material. Do not use the weed burner near buildings, bushes and cars, and ensure the flame always points away from flammable objects.
- 4. Always monitor the flame and never leave a lit burner. Remember the burner is hot after use. Always keep the burner away from children and animals both during use and storage.
- 5. Always check for embers and smouldering plant residues after use. Also check the treated areas a few times after work to ensure that there are no embers. Once you have finished work,

always disconnect the regulator from the gas bottle and make sure that the weed burner is completely cold before packing it away.



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