



Product Catalogue September 2019



**The most
natural and efficient
weed control solution**

Innovative High Velocity Heating System for Weed Control

The unique High Velocity Heating System designed by Ripagreen insures speed, comfort and efficiency for all your thermal weed control operations.

Thermal weed control should be used as part of an integrated weed control system and may be considered “chemical free”.



The Ripagreen Technology

The use of heat to control unwanted plant growth has been around for many years and was certainly in use before the widespread use of inorganic chemicals.

A common misconception is that the plant has to be visibly scorched before it will suffer. The fact is, a plant leaf only has to be briefly exposed to a temperature of around 80°C to suffer terminal damage.

This exposure to severe heat bursts the cells in the plant leaf. This in turn renders the plant incapable of converting light energy in to chemical energy (**Photosynthesis**) effectively causing starvation.

Further thought and research on this subject will reveal this method is most effective on young, fleshy, hungry plants rather than old established woody plants, which may have sufficient amounts of stored energy in their stems and roots to overcome temporary food shortages.

The Ripagreen technology utilises simple propane gas combustion alongside a natural air pressure differential effect (venturi) to surround the targeted weed with a high velocity of heated gas (air). The large amounts of air being passed through the lance ensure that the lance is safe to touch. This patented technology ensures maximum effect using the minimum amount of fuel.

The innovation and goal to make this an effective weed control solution does not end there. Ripagreen have developed every detail of their products to be simple to use and comfortable to operate. Operator effort, fatigue and discomfort is reduced to an absolute minimum when the unique Ripagreen

0 HAZARDOUS CHEMICALS, 100% NATURAL INNOVATION

The Ripagreen Applications



PATHWAYS / LARGE AREAS

Ripagreen allows you to weed large areas such as park pathways, pavements or carparks effortlessly.



ROCKERIES / SMALL AREAS

Ripagreen allows you to weed small areas such as sparsely planted borders, tree perimeters and rockeries.



DIFFICULT TERRAIN / WATER COURSES

Ripagreen allows you to weed areas such as slopes and paths adjacent to waterways.

The Ripagreen Thermal Lance



Long life stainless steel diffuser

The hot air diffuser is directional at 360° and forces the heat as a rigid hot blade. The heat produced allows weeding width of 40 cm with precision and power.



Support handle

The strong and ergonomic handle with "Soft-grip" covering may be positioned anywhere along the lance to suit each operator and folds back automatically after use.



Spare piezo igniter

A "click and start" system insures an instantaneous ignition of the lance. To guarantee a non-stop work, a spare igniter, changeable with no tools in seconds, is stored inside the handle.



EASY Kit

(341040) £2195.00

the **EASY Kit** includes :

1 Standard thermal lance (342037) with:

- ◆ 4 meter gas hose with crimped connectors
- ◆ 1 gas regulator adjustable 1.5-3.5 bar (22-51 psi)
- ◆ 1 spare igniter stored in the handle
- ◆ 1 tool for connections + a user's guide

1 Multimodal carrying trolley for gas cylinder (333550)

- ◆ For 10 to 15 kg gas
- ◆ 1 textile bottle cover
- ◆ Adaptable push and pull handle operation
- ◆ Parking brake
- ◆ Support for standard lance



Technical data :

- ◆ Adjustable heat power from 45 to 80 kw
- ◆ Gas consumption: 2.9 to 5.2 kg/h (6.4 - 11.5 lbs/h)
- ◆ Standard lance net weight: 2.1 kg (hose excluded)
- ◆ Trolley net weight: 11 kg (bottle excluded)



The thermal lance features an automatic ignition system when the gas trigger is squeezed and has an effective working width of 40cm. It may be mounted on the trolley in the centre or to the left or right allowing easy access to kerb edges. The nozzle may be rotated through 360° to tackle vegetation at different heights and angles

Individual items (if purchased separately)



Standard thermal lance (342037)

£2000.00

Lance tube length 135cm

Supplied with cylinder adaptor, pressure regulator and 4 meters of gas hose with swaged fittings.



Multimodal gas carrying trolley for gas cylinder (333550)

£750.00

Pivoting front axle with reversible handle to enable the trolley to be pushed or pulled. Mounting system for the Standard lance. Puncture proof tyres. Fabric cover for gas cylinder.

Mobility Kit

(341063) £1995.00

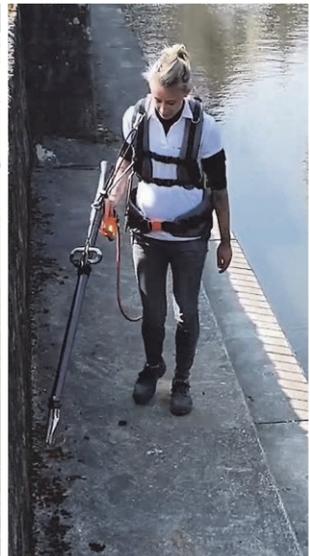
the **Mobility Kit** includes :

1 **Mini thermal lance (341053) with:**

- ◆ 1 meter gas hose with crimped connectors
- ◆ 1 gas regulator adjustable 1.5-3.5 bar (22-51 psi)
- ◆ 1 spare igniter stored in the handle
- ◆ 1 tool for connections + a user's guide

1 **Ergonomic harness for mini thermal lance & lightweight gas cylinder (238003)**

- ◆ For 5 kg lightweight gas bottles
- ◆ 1 textile bottle cover
- ◆ 1 meter gas hose set with crimped connectors
- ◆ Versatile support system to allow the lance to be operated with one hand.



Technical data :

- ◇ Adjustable heat power from 45 to 80 kw
- ◇ Gas consumption: 2.9 to 5.2 kg/h (6.4 - 11.5 lbs/h)
- ◇ Mini lance net weight: 1.96 kg (hose excluded)
- ◇ Trolley net weight: 11 kg (bottle excluded)



The thermal lance is supported by the harness allowing one hand operation with virtually zero effort. This kit weighs no more than a knapsack sprayer and may be used left or right handed. It is ideal for spot treatment and difficult to access situations. The nozzle may be rotated through 360° to tackle vegetation at different heights and angles

Individual items (if purchased separately)



Mini thermal lance (341053)

£1850.00

Lance tube length 92cm

Supplied with cylinder adaptor, pressure regulator and 4 meters of gas hose with swaged fittings.



Ergonomic harness for mini thermal lance (238003)

£275.00

The harness has an adjustable pneumatic lumbar support and an adjustable suspension system to suit the shorter Mini Lance. Fabric cover for gas cylinder.

Easy + Kit

(341058) £2400.00

the **EASY + Kit** includes :

1 Mini thermal lance (341053) with:

- ◆ 4 meters gas hose with crimped connectors
- ◆ 1 gas regulator adjustable 1.5-3.5 bar (22-51 psi)
- ◆ 1 spare igniter stored in the handle
- ◆ 1 tool for connections + a user's guide

1 Multimodal carrying trolley for gas cylinder (333550)

- ◆ For 10 to 15 kg gas
- ◆ 1 textile bottle cover
- ◆ Adaptable push and pull handle operation
- ◆ Parking brake
- ◆ Support for standard lance

1 Ergonomic harness for mini thermal lance (238003)

- ◆ For 5 kg lightweight gas bottles
- ◆ 1 textile bottle cover
- ◆ 1 meter gas hose set with crimped connectors
- ◆ Versatile support system to allow the lance to be operated with one hand.



Technical data :

- ◇ Adjustable heat power from 45 to 80 kw
- ◇ Gas consumption: 2.9 to 5.2 kg/h
- ◇ Mini lance net weight: 1.96 kg (hose excluded)
- ◇ Backpack net weight: 11 kg (Full 5kg lightweight bottle included)



The Easy+ kit combines the mobile gas storage capacity with the Mini thermal lance mounted on the Ergonomic backpack allowing one hand to operate the lance and the other to position the trolley.

Individual items (if purchased separately)



Mini thermal lance (341053)

£1850.00

Lance tube length 92cm

Supplied with cylinder adaptor, pressure regulator and 4 meters of gas hose with swaged fittings.



Multimodal gas carrying trolley for gas cylinder (333550)

£750.00

Pivoting front axle with reversible handle to enable the trolley to pushed or pulled. Mounting system for the Standard lance. Puncture proof



Ergonomic harness for mini thermal lance (238003)

£275.00

The harness has an adjustable pneumatic lumbar support and an adjustable suspension system to suit the shorter Mini Lance. Fabric cover for gas cylinder.

AUTONOMY Kit (341068) £3095.00

the **AUTONOMY Kit** includes :

1 Mini thermal lance (341053) with:

- ◆ 4 meters gas hose with crimped connectors
- ◆ 1 gas regulator adjustable 1.5-3.5 bar (22-51 psi)
- ◆ 1 spare igniter stored in the handle
- ◆ 1 tool for connections + a user's guide

1 Universal vehicle mounting frame (333657)

- ◆ 1 cylinder securing strap
- ◆ 1 cylinder cover for 10 to 15 kg gas
- ◆ 1 Thermal Lance bracket with fasteners
- ◆ Mounting for automatic hose reel
- ◆ Vehicle mount clamping kit

1 Automatic hose reel (334081)

- ◆ High quality retractable hose reel
- ◆ 15 meters of flexible gas hose with crimped connectors



Technical data :

- ◆ Adjustable heat power from 45 to 80 kw
- ◆ Gas consumption: 2.9 to 5.2 kg/h (6.4 - 11.5 lbs/h)
- ◆ Mini lance net weight: 1.96 kg (hose excluded)
- ◆ Universal frame with reel net weight: 33 kg (bottle excluded)



The Autonomy kit packs up quick and small to easily move from job to job with the mini thermal lance and automatic hose reel.

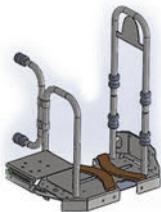
Individual items (if purchased separately)



Mini thermal lance (341053)

Lance tube length 92cm. Supplied with gas cylinder adaptor, pressure regulator and 4 meters of gas hose with swaged fittings.

£1850.00



Universal vehicle mounting frame (333657)

Mount the Ripagreen kit on to a vehicle. The automatic hose reel may be mounted to this frame which also secures the gas cylinder with a strap and provides secure storage for the lance. A fabric cover for gas cylinder is also provided.

£995.00



Automatic hose reel (334081)

The automatic retractable hose reel mounts to the Universal vehicle mounting bracket. The reel includes 15 meters of high quality gas hose with crimped fittings.

£995.00



Mobility Kit



Easy Kit



Autonomy Kit

All prices are subject to VAT. E&OE

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