



# Weed Control

## ECOflame® select

For a selective and environmental friendly control of weeds



*Environmental and effective control of weeds and other unwanted vegetation on hardened surfaces and semi-hardened surfaces is possible at both continue and selective usage. The ECOflame Select weed burner extensively deals with weeds.*

*The ECOflame Select is a simple controllable manually-propelled weed burner, for a selective or continuous control of unwanted vegetation. By pressing the start button and squeezing the control grip, the gas valve will be opened and the burner electronically ignited. By releasing the grip, the gas valve will close, thus extinguishing the burner. With the patented ECOflame system, a lasting burning process can be carried out on full capacity without having to refill. The shape of the burner compartment and the burner set-up guarantees all vegetation parts under the compartment will be heated optimally. By the high pressure of the torch and the chain screen system round the burner compartment, wind sensitively and heat development outside the burner compartment have been reduced to a minimum.*



Select 350

Select 500

Select 750

*The actual process of the ECOflame Select rests upon exposure of unwanted vegetation to the intensive heat of blow burners at a temperature of 900 to 1000 degrees Centigrade. Infrared radiation of the radiation grid at the bottom of the burner compartment enhances the burning process. Because of this heat exposure, the walls of the leaf cells burst open while withdrawal of moisture takes place, which causes the weed to dehydrate, decolourise and die. An incidental advantage is the weed seeds will not germinate. Also germs, algae, snails and fungi are not resistant to this treatment.*

# ECOflame® Select



**ECOflame Select 500 with hand-torch**

The ECOflame Select weed burner is characterised by the highest effective performance at a very low gas consumption. The gas phase of the mixture leaves the top of the gas tank and is mixed with the optimal quantity of air via the venturis, developed by Vika for this purpose. This optimal mixture of gas and air is burned by blow burners, that are also developed by Vika, inside the entirely insulated and isolated burner compartment. Combined with this well-insulated and isolated burner compartment, this optimal burning process results in an extremely low gas consumption. A nearly maintenance-free nature of the ECOflame Select guarantees a low total of operational costs.

At design stage, a great deal of attention has been paid to the safety of the machine and the working circumstances for the user. Therefore, all parts meet high safety demands. As a whole, the machine is tested by Gastec and meets the stated emission demands.



**ECOflame Select 750 on Foldy Car**

## Technical data ECOflame® Select

	ECOflame Select 350	ECOflame Select 500	ECOflame Select 750
working width	35 cm	50 cm	70 cm
working speed	1-4 km/h	2-5 km/h	2-5 km/h
capacity	1400 m <sup>2</sup> /h	2000 m <sup>2</sup> /h	2800 m <sup>2</sup> /h
gas consumption	2.0 l/h of 1.4 kg/h	2.8 l/h of 2.0 kg/h	4.0 l/h of 2.8 kg/h
gas pressure	adjustable with manometer	adjustable with manometer	adjustable with manometer
ignition	electronic	electronic	electronic

Options:

- Hand-torch with hose and threeway-valve
- Foldy Car trailer

Pictures and technical data remain free of rights;  
Intermediate modifications may be applied at all times without preceding notice.

Please visit our internet site  
[www.ecoflame.nl](http://www.ecoflame.nl)



Weed Control B.V.  
Duikerweg 11  
5145 NV Waalwijk  
The Netherlands  
Tel. +31 416 540 718  
Fax +31 416 540 719  
[www.weedcontrol.nl](http://www.weedcontrol.nl)  
[info@weedcontrol.nl](mailto:info@weedcontrol.nl)