



# Weed Control

## ECOflame® City

The environmental friendly solution for your burning weeds problem



*Environmentally and price conscious control of weeds on on hardened surfaces and semi-hardened surfaces has never been as effective until now. The ECOflame City weed burner extensively deals with weeds.*

*The actual process of the ECOflame City 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. In addition, germs, algae, snails and fungi are not resistant to this treatment.*

*The ECOflame City weed burner distinguish themselves 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 that are 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. The nearly maintenance-free nature of the ECOflame City guarantees a low total of operational costs.*



City Basic

City Light Plus

City Flex

City Light

*With the patented ECOflame system, a day's work of burning process can be carried out on full capacity without having to refill. When feuling up, a choice can be made of propane or LPG as fuel types. Weed burning with the ECOflame City possesses the advantage that a relatively light vehicle is sufficient to do the job. In contradiction to brushing movements, the burning process causes no parts of wear sensitive components dissolving into the environment. Partially, as a result of this, maintenance costs are very low. The ECOflame City is approved by Gastec and meets the stated emission demands.*

# ECOflame® City



*The ECOflame City Light is developed for light vehicles with a limited lifting capacity. A compact design and low weight of this machine, naturally, together with the features of the vehicle, guarantees a light manoeuvrable combination that can be used even on pavements. In addition, this machine can be supplied with a side-shift. The LPG tank is placed on top of the vehicle at its rear end.*



**City Light**

*The design of the ECOflame City Plus can be compared to the City Light, and has an 85 litre LPG tank, which is fixed on the machine's frame. This gives the advantage of employing several vehicles without using additional LPG tanks. Also, in case that vehicles are not fully designed to be equipped with an LPG tank, the ECOflame City Plus provides an outstanding solution. Additionally, this machine can be supplied with a side-shift.*



**City Plus**

*Because of the relatively light-weight construction, all types of ECOflame City allows to be fixed in front of the vehicle in such a manner that it always gives the driver a clear view to both the machine and traffic in an ergonomically friendly working position. The ECOflame City is easy to control from the vehicle. In order to mount the ECOflame City weed torches to your vehicle, Vika is able to either provide of the necessary suspension constructions, or mount the suspensions on site or at your regional ECOflame dealer*



**Control from the vehicle**

# ECOflame® City



*The ECOflame City Basic, mounted with two swivel wheels, can be fixed in front of behind the vehicle by using a universal triple-point suspension. In case of severe polluted hardened surfaces, the ECOflame City Basic can be combined with a waste-brushing machine in order to brush away solid waste, after which the weeds can be removed in an optimal manner.*



**City Basic**

*The compact construction of the ECOflame City Comfort guarantees a high manoeuvrability and gives the driver an excellent visibility to the machine. The excellent heat screen of the torches and the optional side-shift result in providing a comfortable job for the driver. The LPG tanks are placed on top of the vehicle at its rear end.*



**City Comfort**

*Because of its uniquely patented side-shift system combined with a moveable carrying arm, the ECOflame City Flex offers a high degree of flexibility. In addition, the ECOflame City Flex can be used at surfaces that are difficult to reach. It is even possible to burn on the pavement while the vehicle is moving on the road. This prevents a heavy vehicle damaging the pavement, which otherwise would cause even more development of weeds.*



**City Flex**

# ECOflame® City



## Technical data ECOflame® City

	ECOflame City Basis 100	ECOflame City Basis 125	ECOflame City Basis 150	ECOflame City Basis 175	ECOflame City Flex 100	ECOflame City Flex 125	ECOflame City Light Plus 100
working width	100 cm.	125 cm.	150 cm.	175 cm.	100 cm.	125 cm.	100 cm.
attachment	back/front	back/front	back/front	back/front	front	front	front
side shift	no	no	no	no	yes	yes	yes
working speed	3-5 km/h	3-5 km/h	3-5 km/h	3-5 km/h	3-5 km/h	3-5 km/h	3-5 km/h
capacity (m2/h)	4000 m <sup>2</sup>	5000 m <sup>2</sup>	6000 m <sup>2</sup>	7000 m <sup>2</sup>	4000 m <sup>2</sup>	5000 m <sup>2</sup>	4000 m <sup>2</sup>
gas consumption	10 l/h of 5 kg/h	12 l/h of 6 kg/h	15 l/h of 7½kg/h	17 l/h of 6½kg/h	8 l/h of 4 kg/h	10 l/h of 5 kg/h	6 l/h of 3 kg/h
tank capacity	85 liter	85 liter	116 liter	116 liter	2 x 85 liter	2 x 85 liter	85 liter
gastank location	on machine	on machine	on machine	on machine	on vehicle	on vehicle	on vehicle
operating time	7 h	6 h	6 h	5 h	17 h	14 h	11 h
gas pressure	adjustable	adjustable	adjustable	adjustable	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer
ignition	electronic	electronic	electronic	electronic	electronic	electronic	electronic
auto. flame control	electronic	electronic	electronic	electronic	electronic	electronic	electronic
gas valves	electronic	electronic	electronic	electronic	electronic	electronic	electronic
electric connection	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector
control	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle
weight	150 kg.	160 kg.	170 kg.	180 kg.	210 kg.	230 kg.	170 kg.
finishing	epoxy	epoxy	epoxy	epoxy	epoxy	epoxy	epoxy

	ECOflame City Comfort 100	ECOflame City Comfort 100-S	ECOflame City Comfort 125	ECOflame City Comfort 125-S	ECOflame City Comfort 150	ECOflame City Comfort 150-S	ECOflame City Light 100
working width	100 cm.	100 cm.	125 cm.	125 cm.	150 cm.	150 cm.	100 cm.
attachment	front	front	front	front	front	front	front
side shift	no	yes	no	yes	no	yes	yes
working speed	3-6 km/h	3-6 km/h	3-6 km/h	3-6 km/h	3-6 km/h	3-6 km/h	3-5 km/h
capacity (m2/h)	4000 m <sup>2</sup>	4000 m <sup>2</sup>	5000 m <sup>2</sup>	5000 m <sup>2</sup>	6000 m <sup>2</sup>	6000 m <sup>2</sup>	4000 m <sup>2</sup>
gas consumption	8 l/h of 4 kg/h	8 l/h of 4 kg/h	10 l/h of 5 kg/h	10 l/h of 5 kg/h	12 l/h of 6 kg/h	12 l/h of 6 kg/h	6 l/h of 3 kg/h
tank capacity	2 x 85 liter	2 x 85 liter	2 x 85 liter	2 x 85 liter	2 x 85 liter	2 x 116 liter	85 liter
gastank location	on vehicle	on vehicle	on vehicle	on vehicle	on vehicle	on vehicle	on vehicle
operating time	17 h	17 h	13 h	13 h	11 h	11 h	11 h
gas pressure	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer	adjustable/ manometer
ignition	electronic	electronic	electronic	electronic	electronic	electronic	electronic
auto. flame control	electronic	electronic	electronic	electronic	electronic	electronic	electronic
gas valves	electronic	electronic	electronic	electronic	electronic	electronic	electronic
electric connection	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector	7-p connector
control	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle	from vehicle
weight	140 kg.	160 kg.	160 kg.	180 kg.	180 kg.	200 kg.	100 kg.
finishing	epoxy	epoxy	epoxy	epoxy	epoxy	epoxy	epoxy

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

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