



## INFRARED TECHNOLOGY

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HOAF Infrared Technology is a member of the NieuweWeme Group in Oldenzaal

### Product specifications

The HOAF KB<sup>®</sup> 4.5 has a working width of 450 cm and is suitable for the burning of germinated and shooting weed on seedbeds of 1500 mm. Because of the height adjustable support wheels the HOAF KB<sup>®</sup> 4.5 is also ideal for the burning of, for example, potato leaves. The HOAF KB<sup>®</sup> 4.5 consists of 3 autonomous working burners, each with a width of 1500 mm. To transport the HOAF KB<sup>®</sup> 4.5 it can be hydraulically folded up, so it is easy to transport and store the device.

The weed burning principle of the HOAF KB<sup>®</sup> 4.5 is based on the HOAF Infraplus System<sup>®</sup>, by which infra-red radiation and hot air is being used. By exposing the unwanted vegetation to this, the proteins congeal and the moisture cells burst open. As a result the vegetation starts wilting.

### Specifications

Delivered with	: One pair of adjustable support wheels
	: Hydraulic folding system
Gas	: Liquid propane / LPG
Gas supply	: Liquid take-off gass bottle / tank
Capacity	: 1.500 kW
Gas consumption	: 117 kg/hour
Ignition	: Electric
Working width	: 4.500 mm
Weight	: 1.125 kg exclusive gas supply
Capacity per hour	: 22.500 m <sup>2</sup> at 5 km/hour

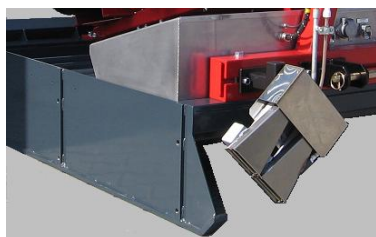


The HOAF KB<sup>®</sup> 4.5 has a 1-year parts warranty, exclusive wear parts.

The HOAF KB<sup>®</sup> 4.5 bears the following hallmarks:



## Options



### **Option construction tank frame 2x120 litre**

**Option separate tank frame 2X120 litre  
3 point cat. II**

**Option separate tank frame 2X85 litre  
3 point cat. II**

**Option construction bottle frame 6x36 litre**

**Option separate bottle frame 4X36 litre  
3 point cat. II**

For the benefit of the gas supply several tank frames and bottle frames are available, both constructed on the burner and separate on/at the tractor.

### **Option gas hose set with quick couplings 7 meter 1/2"**

To couple the separate gas supply to the HOAF KB® 4.5 a gas hose set is available. Quick couplings provide easy and safe gas hose connection to the device.

### **Option burner housing +500 mm**

By lengthening the burner housing the working speed can be increased or at the same working speed the surfaces can be exposed to the burner for a longer period.

### **Option set of side plates**

#### **Option set of side plates +500 mm**

In order to protect the burning process of the HOAF KB® 4.5 against wind influences, a set of side plates can bring relief. These plates are adjustable to the desired height by hand.

### **Option extra set adjustable support wheels**

In order to improve the stability of the burner, the HOAF KB® 4.5 can be equipped with an extra set of adjustable support wheels.

### **Option side burners**

The HOAF KB® 4.5 can be equipped with side burners to make burning alongside kerbs and obstacles easier. The application of side burners reduces the necessity of manoeuvring, which increases the efficiency.

## Options



### **Option high / low pressure regulator**

With the utilization of the high / low pressure regulator, unnecessary gas consumption can be prevented. The gas pressure can be switched to low from inside the tractor cabin, when for example manoeuvring is needed.