

# Description

## Concept

The **BB-Jet-A1-P550** and **BB-Jet-A2-P1000** are turbine systems of the latest generation and replaces the obsolete liquefied petroleum gas and Steam technology. The use of gas for drying or the weed-killing of weeds destruction is not efficient, as the combustion of gas is a considerable amounts of water vapour are generated and an open Flame causes fires.

800 grams of water vapour are formed per 1000 grams of propane gas. **BB-Jet systems** based on high-performance turbines generate a flow of hot air which ensures that the drying process is and thus the efficiency of the drying process. revolutionized.

The weather-determined waiting time becomes clear shortened. The electronically controlled air and fuel injection of the **BB-Jet jet** engines, the firing process is optimized and the fuel consumption is reduced, resulting in a near-zero fuel consumption pollutant-free combustion.

## BB-Jet-A1-P550

- control box
- Tank capacity Jet A1 90 litres / water 45 litres
- Tank capacity Jetoil 12 litres
- Nozzle 300 mm
- Hood 600 mm
- length 1200 mm, width 800 mm height 900 mm
- Weight empty 140 kg

### Consumption:

- Fuel consumption at empty load litres per hour 15.00
- Fuel consumption at full load litres per hour 70.00

### Performance:

- Outlet Air volume at empty load in m<sup>3</sup>/min 40.00
- Outlet air volume at full load in m<sup>3</sup>/min 150.00
- Air temperature at empty load in C° 550.00
- Air temperature at full load in C° 650.00
- Heat output at empty load in kW 180.00
- Heat output at full load in kW 750.00

## BB-Jet-A1-P1000

- control box
- Tank capacity Jet A1 560 litres / water 80 litres
- Tank capacity Jetoil 12 litres
- Nozzle 900 mm
- Hood 1200 mm
- length 1600 mm, width 1600 mm height 1000 mm
- Weight empty 240 kg

### Consumption:

- Fuel consumption at empty load litres per hour 33.00
- Fuel consumption at full load litres per hour 126.00

### Performance:

- Outlet Air volume at empty load in m<sup>3</sup>/min 80.00
- Outlet air volume at full load in m<sup>3</sup>/min 300.00
- Air temperature at empty load in C° 550.00
- Air temperature at full load in C° 650.00
- Heat output at empty load in kW 330.00
- Heat output at full load in kW 1300.00

# Features

## BB-Dry-System Thermal Surface Drying

**BB-Jet-A1-P550** and **BB-Jet-A2-P1000** can be operated independently. In order to guarantee a safe distance from passing traffic or objects, the units are equipped with side shifters and height adjustments.

**BB-Jet-A1-P550** and **BB-Jet-A2-P1000** can dry from the joint gap to entire carriageways.

Standing water is no longer a problem due to the air flow of the turbine technology.

The self-propelled **BB-Jet-A1-P550** and **BB-Jet-A2-P1000** dryers are extremely manoeuvrable and agile.

- Even niches and corners become completely dry.
- No waiting time in bad weather or washed, wet surfaces.
- No transport of dangerous goods.
- No special permits.
- The working time in traffic is short, therefore less traffic congestion.
- **BB-Jet** also removes moisture and road dirt from hard-to-reach areas.
- The system, which was developed for drying roads without handling and storing dangerous LPG gas, is also suitable for drying runways, joints and cracks.

Drying capacity per hour with 2x **BB-Jet-A2-P1000** approx. 20'000.00 m<sup>2</sup>

## BB-Weed-System Thermal Weed Control

The **BB-Jet-A1-P550** and **BB-Jet-A2-P1000 Weed-System** generates 450 C° hot steam and is therefore one of the most efficient weed killing systems for small and large areas. The system is completely fire-free and therefore harmless for dry substrates.

The fuel consumption per hour is 15-33 litres and the water consumption 33 litres.

No addition of water is required when it rains.

Capacity per hour with 2x **BB-Jet-A2-P1000** approx. 20'000.00 m<sup>2</sup>

## BB-Oil-Removal-System Thermal Oil Trace Removal

The **BB-Jet-A1-P550** and **BB-Jet-A2-P1000 Oil-Removal-System** produces a fire-free 650 C° hot Exhaust gas jet that removes petrol, diesel and oil traces. Most petroleum-containing fuels and lubricants are evaporated at a temperature of approx. 350 °C. The gaseous vapour is then removed from the exhaust gas jet.

The addition of **BB-Petrokill** accelerates the degradation of hydrocarbons by natural processes such as the encapsulation of environmentally hazardous pollutants by mineral hydrocarbons and enhances biological degradation. At the same time, it removes the flammability of flammable vapours.