

Description

Concept

The **BB-Jet-A1-P550** and **BB-Jet-A2-P1000** are turbine systems of the latest generation and replace the obsolete liquified petroleum gas and steam technology. The use of gas for drying or for weed-killing is not efficient, because the combustion of gas generates a considerable amount of water vapour and generates an open flame, which causes fire.

0.20 gal of water vapour are formed per 0.25 gal of propane gas. **BB-Jet systems**, based on high-performance turbines, generate a flow of hot air. This revolutionary technology ensures a highly efficient drying process.

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

BB-Jet-A1-P550

- Control box
- Tank capacity Jet A1 23.00 gal / water 11.00 gal
- Tank capacity Jetoil 3.00 gal
- Nozzle 9.80 ft
- Hood 19.60 ft
- Length 39.30 ft width 26.20 ft height 29.50 ft
- Weight empty 308.60 lb

Consumption:

- Fuel consumption at empty load gal per hour 3.90
- Fuel consumption at full load gal per hour 18.40

Performance:

- Outlet Air volume at empty load in ft³/min 1412.50
- Outlet air volume at full load in ft³/min 5297.20
- Air temperature at empty load in °F 1022.00
- Air temperature at full load in °F 1202.00
- 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 148.00 gal / water 21.10 gal
- Tank capacity Jetoil 3.00 gal
- Nozzle 29.50 ft
- Hood 39.30 ft
- Length 52.50 ft width 52.050 ft height 32.80 ft
- Weight empty 529.10 lb

Consumption:

- Fuel consumption at empty load gal per hour 8.70
- Fuel consumption at full load gal per hour 33.20

Performance:

- Outlet Air volume at empty load in ft³/min 2825.20
- Outlet air volume at full load in ft³/min 10594.20
- Air temperature at empty load in °F 1022.00
- Air temperature at full load in °F 1202.00
- 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. 5.00 acres

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 underground.

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. 5.00 acres

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 1202.00 °F hot exhaust gas jet that removes petrol, diesel and oil traces. Most petroleum-containing fuels and lubricants are evaporated at a temperature of approx. 662.00 °F. 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.