

## Energy and money-saving

The biomass burner is an alternative to the traditional fossil fuels. It uses vegetable products which during their life have absorbed more CO<sub>2</sub> than that which is expelled during combustion.

Thanks to this the biomass burners are one of the **most efficient systems to use renewable solar energy.**

The initial investment will be rapidly recovered: given the same produced heat the vegetable fuels are much cheaper than the fossil ones and **don't depend on the market prices of oil and gas.**

## Made in Italy technology

Bmax technology creates and develops its products **entirely in Italy**, and assembles them in its fabrics, so **reducing the production costs** and, consequentially, the final costs for the distributor and the client.

The property and control of the whole productive process, together with the specific know-how accumulated in **25 years of experience in the Group** ensure uncompromised quality products and processes and the best price-quality ratio.  
Bmax Technology provides also a complete warranty and customer service.



antartico.it  
BR-B-0911-ENG



neutral renewable  
fuel and carbon



helps save up to 60%  
more than traditional fuels



electronic and fully automatic  
self-cleaning system



project and construction  
100% made in Italy

### Bmax Technology,

An Elmec Group Division

Ca' d'Oro - 36020 Asigliano Veneto VI

Tel. +39 0444 772023 - Fax +39 0444 773129

info@b-max.com

[www.b-max.com](http://www.b-max.com)



Cert. N. 6668 - 001



**Pellet and biomass burners**



**Bmax Technology, an Elmec Group division, is specialized in the production of pellet and biomass burners, for heating and other applications, in order to substitute the traditional fossil fuel burners.**

The Bmax burners use biomass eco-energy like pellets, fruit stones and shells, and turn the solar energy, stored in these elements during their life, into a renewable and eco-friendly resource. You will find the Bmax biomass heating very cheap in a short period instead of traditional heating systems. It can be adopted to the existing structure, and it uses automatic burning technologies.

The Bmax burners use ecologic technologies in order to satisfy heating needs and are equipped with some exclusive characteristics:

- fully **automatic**;
- reliable turning on and off, thanks to **security drills**;
- **self-cleaning** system;
- made with **certified high quality** materials: the parts which are in contact with the heat are made of high resistance steel;
- up to **300 kW** of power;
- **self regulation** based on the used material.

All burners are equipped with a pipe with a screw pump inside, for automatic recharge. For the most powerful burners the pipe is equipped with independent fans, avoiding occasional returning smoke due to the pipe or to weather conditions.

## What can be used?

- Sawdust PELLETS measuring from 6 to 12 mm
- olive, cherry, plum and apricot STONES
- Pine nut, pistachio and dried fruit SHELLS



## Available personalization

The burners and the storage tanks are produced in the standard RAL 9006 colour. On request, it is possible to personalize it and to have it in flower-embossed steel or in any desired colour.

### BMax B-Half

Power: 34-50 kWh

Low-power burner, designed for civilian buildings. It is equipped with a screw pump for loading.



### BMax B-Two

Power: 200 kWh

Versatile high-power thanks to its possible uses: middle-size industrial buildings, boilers, hot air generators, and bakeries. It is equipped with a screw pump for loading.



### BMax B-One

Power: 100 kWh

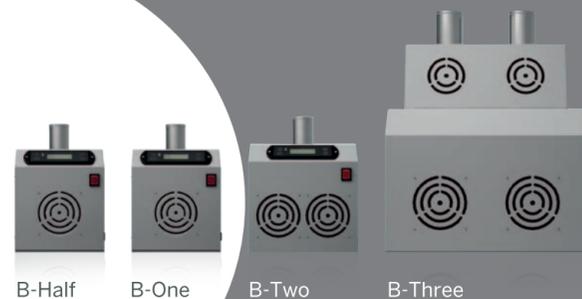
Middle-power burner, suitable both for bigger civilian and small industrial buildings. It is equipped with a screw pump for loading.



### BMax B-Three

Power: 300 kWh

The most powerful high-performance burner with a possible modulation between 150 and 300 kWh. It is equipped with a console desk with independent controls and with a screw pump for loading with fan.



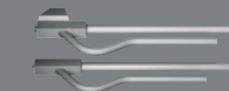
#### GSM Equipment

On request it is possible to equip the burner with a GSM system that allows the burner to be activated by a phone. It is useful if the burner is installed in a place with non-intensive use.



#### Cleaning facility

The Bmax Technology burners have a new self-cleaning system that automatically activates itself at regular intervals. The system frees the fuel grid from any residue which might prevent the proper burning or completely suppress the flame, preventing the burner from turning off and from dispersing smoke.



#### Loading

The Bmax Technology burners are equipped with a customized loading system.



#### Tanks

Bmax Technology produces also storage tanks of different sizes. The production of every component is entirely internal: by doing this, the Group is able to satisfy all the customers needs making the brand division able to pay attention to high quality and visual standards.