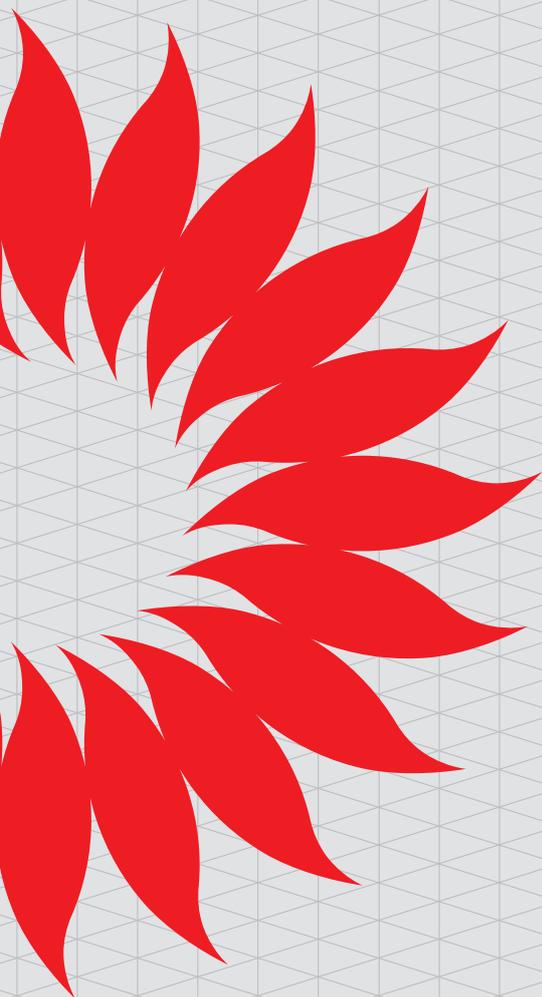


Kalorina series 22

Big power



KALORINA series 22 / Big power

Pellet

FUELS

Wood pellets

Wood

Olive husk

Marc of olives

Minced shells



REMOTE ASSISTANCE
REMOTE CONTROL
REMOTE ALARMS

On the control panel there is a USB port for PC connection through internet.

A technical can interact with your boiler and makes all the necessary settings.

THE PERFECT SOLUTION FOR BIG PROJECTS

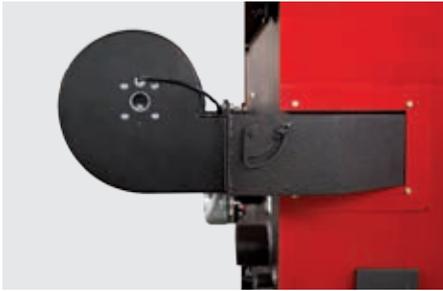
Range: from 151 kW to 2,5 MW of thermal output power.

The medium-large systems Kalorina-Pellet fascinate for the ease of use and operation. With a fully automated operating system, these boilers do not have size limits, being able to reach even powers of several MW.

Thanks to its automation features and the economical use, these boilers can heat naturally: housing, agricultural, industrial and commercial facilities, hotels, schools, hospitals, health centres are examples of heating use.

Kalorina Big Powers is a convenient and practical solution that gives high performance, high efficiency with low emissions and saving energy for heating large spaces.

To ensure a maximum performance of the heating system where the Great Powers-Kalorina is the leader is necessary establishing a local hopper for the storage of the fuel.



Secondary air fan



Burner and ashes extractor



Post combustion air inlet holes



Heat exchanger with turbulators (optional)



Pneumatic cleaning of the heat exchanger tubes

“Intelligent” details and benefits from the system:

Intelligent modular design.

Reduced assembly operations (if necessary, individual components can be removed through few operations).

Flexibility in installation (it allows the placement of the hopper on the right and left side).

Technical assistance facility.

New geometry of the combustion chamber with CCS (Clean Combustion System).

High combustion efficiency up to 92%.

Combustion with reduced emissions (Class 3 according to EN303/5).

Reduced fuel consumption.

Economizer heat exchanger, horizontal smoke tubes with a particular geometry and a large surface area for exchange.

Maximum heat transfer.

High performance.

Cost savings.

Ash extraction through motorized auger

Clean combustion.

Automatic ash removal from the combustion chamber.

Optimal combustion adjustment.

Automatic on/off activation according to the requirements of the heating system.

Ready to heat through the maintenance function of the brazier.

System ease of use through the electronic management system, with self-analysis, display for the reporting of anomalies.

A continuous modulation power provided commensurate to the actual energy requirements of the plant.

Technical systems for optimal use of energy (expandable at any time).

It allows an efficient management of the various energy sources.

Possibility to integrate this system with other kind of energy production, such as the solar systems.

Comfortable and safe management system.

Remote monitoring and remote maintenance via PC.

Modem for SMS commands from your mobile phone (optional).



THE IDEAL SOLUTION FOR EVERY APPLICATION



Extraction system SCB01/SCB02

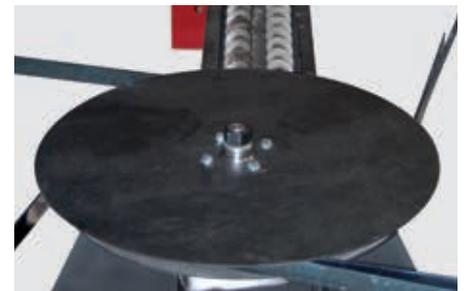
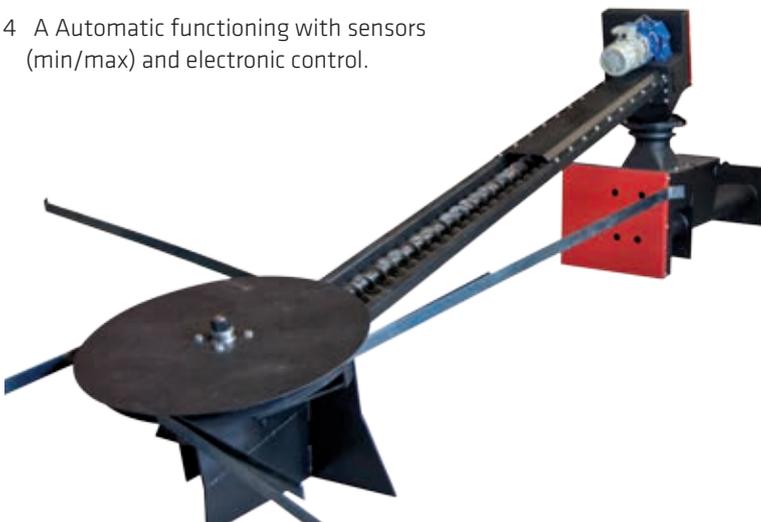
The extraction system SCB02 is an excellent solution that offers important advantages in the fields of medium and high powers applications. It is suitable for G30 wood chips and industrial wood chips up to G50, W 25% (ONORM 7133).

The system SCB02 includes:

- 1 A floor agitator with strong leaf springs (Var. diam. from 3 to 4 m).
- 2 Two progressive and massive augers mounted upon the hollow shaft and ball bearings.
- 3 A joining ball.
- 4 A Automatic functioning with sensors (min/max) and electronic control.

Advantages:

- Maximum operational safety.
- Optimal feeding for any type of storage compartment (square, circular, rectangular).
- Large storage volume and system autonomy.
- Great ratio quality/ performance.



Floor agitator



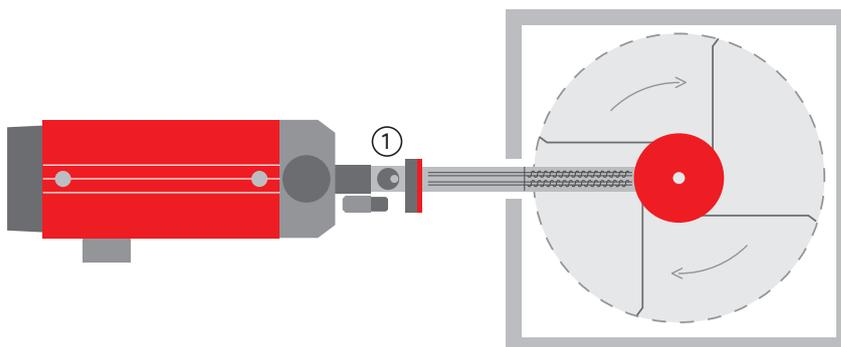
Progressive augers



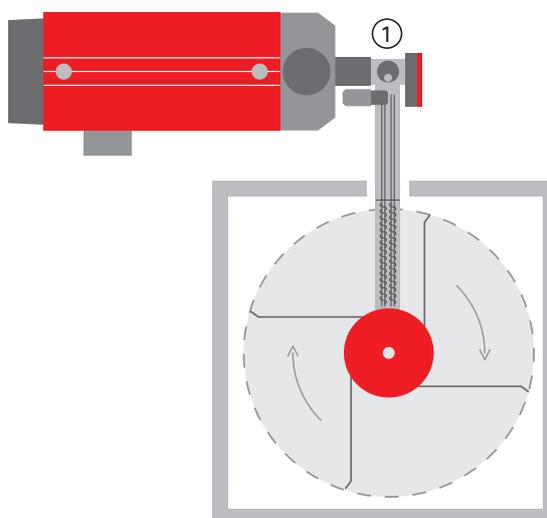
Joining ball

Storage for big powers

Rear storage system



Lateral storage system

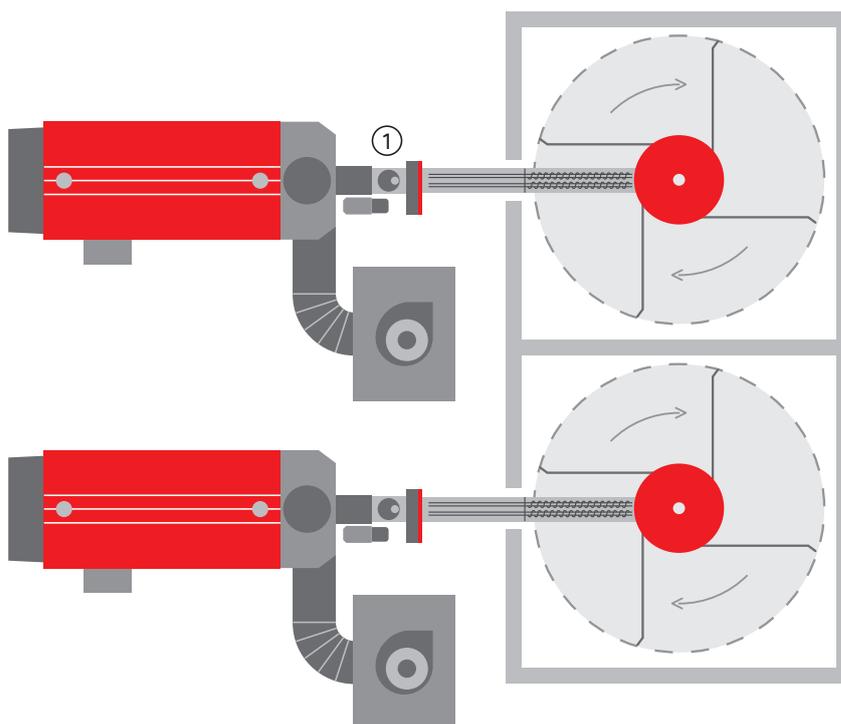


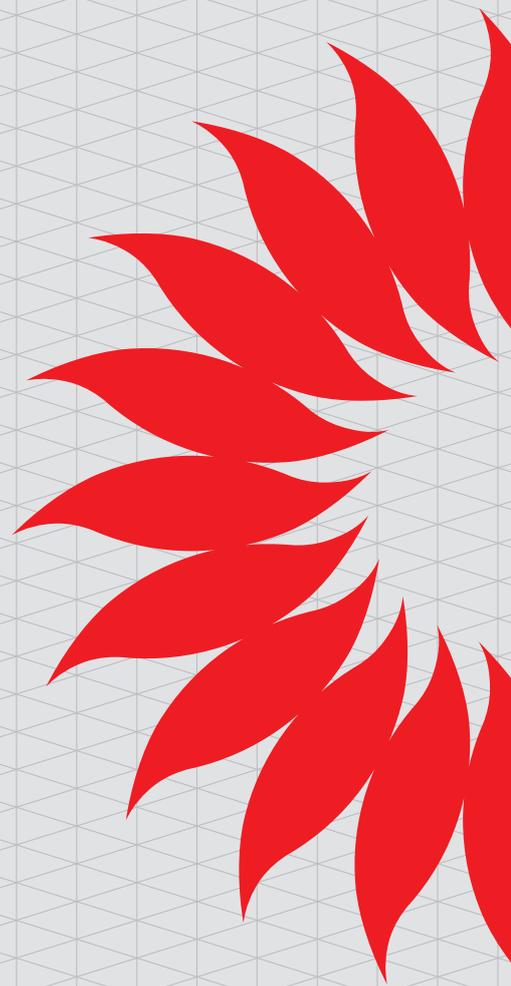
1 Spherical joint

thanks to the spherical joint you can adjust the inclination and the angle of the loading screws with respect to the boiler.

Double and triple systems:

system solution that allows you to adjust the total heating power need depending on the seasons. Large volume of extraction and great autonomy.





Boilers
made in Italy



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