

Fixed / Tilting Grate

Description:

Furnace with fixed grate with possibility of tilting to allow a faster cleaning of the combustion chamber.

Power Range:

200 kW to 5000 kW

Key Advantages:

- Simplicity of operation
- Economic
- Ideal for waste burning with low ash content

Other features:

Combustion control through individual regulation of primary air for each stage of combustion, as well as for the secondary air.

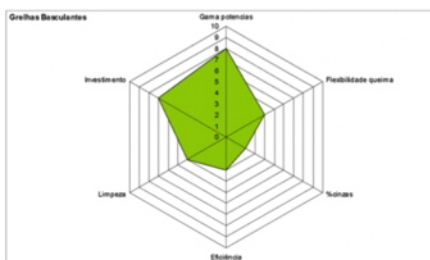
High burn efficiency, yield $95 \pm 2\%$ achieved by optimizing the relation between primary and secondary air, ensuring CO, NOx and VOCs emission reductions.

Particle emission control using ACS systems.

These devices are controlled by automation systems, speed variation and high quality instrumentation with proven robustness, with tuned control systems depending on the type of equipment / type of fuel.

It can be coupled to:

- Steam boilers
- Thermal oil boilers
- Hot water boilers
- Drying systems for hot gases



Legenda

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Gama Potências	gama curta	gama alargada
Flexibilidade queima	Queima pouca variedade combustíveis	Queima vasta variedade combustíveis
%cinzas combustível	Baixa < 1%	Alta < 25%
Eficiência queima	Alta presença de inqueimados nas cinzas	Baixa presença de inqueimados nas cinzas
Facilidade limpeza	Limpeza regular	Auto-limpante
Investimento inicial	Alto	Baixo

