

Flame-off singer



Flame-on, flame-off

Under individual requirements and with controlled low gas consumption and accuracy, the flame-off singer is a fully automatic ignition system with an integrated leak-test procedure and a flame detection instrument for a safe and reliable operation, and even singeing of carcasses.

Hygiene

The flame-off singer is designed in accordance with the strictest hygiene demands and provides easy access for effective manual cleaning.

Options

The flame-off singer is available for other supply pressures on request. As a standard, the flame-off singer is fueled with propane or natural gas at a pressure of 0.6 to 4 bar/8.7 to 58 psi.

The flame-off singer can be fitted with a flue exhauster that envelops the carcasses completely in flames and maintains constant extraction in the flue gas system. This makes vertical extraction on the flue duct unnecessary.

In addition to obligatory safety equipment in the gas system, the flue gas system includes a ionization element to ensure that the flue pilot burners are constantly maintained within the permissible intervals. This is a precondition for burner operation. Utilization of gas fumes for heating of water for knife sterilizer or for cleaning with an additional heat recovery system.

Why the flame-off singer!

- Flexible singeing from operation to operation with individual timer setting options
- Optimal and even singeing of both hogs and sows with individually adjustable burner heads
- Safe operation by self-contained controls
- Burner system designed for low gas consumption
- Timed and synchronized singeing
- Complete flame envelopment of carcasses with the additional flue gas exhaust-fan system
- Constructed to keep the temperature down on the outside of the flame-off singer
- Energy benefits through a heat recovery system for heating of water through gas fumes



Safety and legal requirements

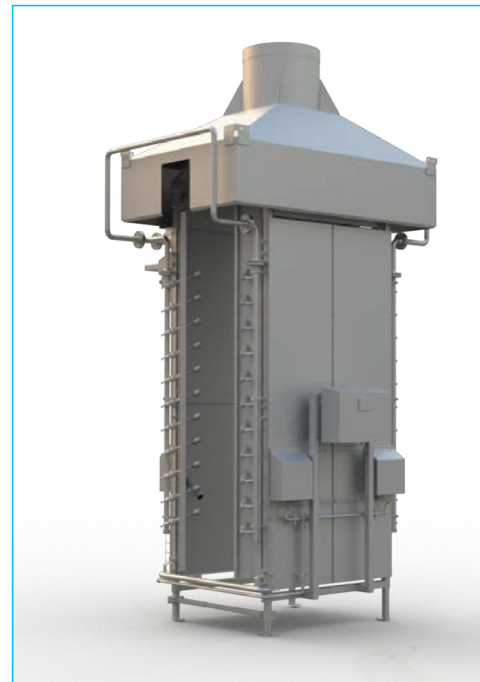
The flame-off singer is CE approved and designed to meet the strictest demand on health and safety.

Technical data

Available burner heads	44/52
	66/68
	88/104

Consumption	
Propane or natural gas	P = 1-4 bar/14.5-58 psi
Gas consumption	~ 3.0-4.5 kW/pig

Technical data may be subject to changes



Flame-off 3D image

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