

Flue gas heat exchangers for the waste heat utilization generated by your tunnel oven

Use the energy that comes from the oven and flows out through the pipes.



The 21st century has become the century of full use of energy. Prices of any energy carriers all over the world have an increasing trend, therefore, opportunities for maximum savings are being sought in all industries.

We can see the same trends to happen in the food industry. We will demonstrate it to you by using a bakery industry as an example. Every medium-sized or large industrial bakery is using gas or oil heated ovens.

In tunnel ovens with combustion products it's approximately **40%** of heat energy which is wasted.

OUR ONLY LIMIT
IS YOUR
IMAGINATION...

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The entire design of our flue gas heat exchangers have been designed for maximum performance with minimum influence on the flue gas path (exchanger pressure drop from 5 Pa), so that there is no negative effect on the oven and it's function, burners and baking technology itself. The equipment is equipped with an adjustable control unit that ensures it's optimal performance and a safety emergency system in case of an accident or outage.

The flue gas heat exchanger and the heat exchange surfaces are technologically and structurally adapted only to this type of furnace or any other heat source. For the production of heat exchangers, special stainless materials are used.



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Supplier of wide range confectionery lines

Projecting | Delivery | Installation | Start up | Staff training | After sales service

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If you are interested to get some **GREEN ENERGY** by using your waste heat, our company DVORAK- engineering is ready to prepare a specific offer for you, including a calculation of an approximate investment return, and the cost of delivery and technology installation.

Contact us for more information...

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www.dvorak-engineering.com