



Bühler Services
Partnering for better outcomes

DirectBake E Retrofit

From gas to electric -
DGF ovens

Is improving your green footprint part of your agenda? Make your baking oven more sustainable: This retrofit is available for all Direct-Gas-Fired (DGF) ovens. The heating system will be changed from gas to electric resulting in no combustion and exhaust gases. The reduction of emissions of your factory can significantly contribute to achieving increasing environment protecting regulations. If you plan to use – or are already using – alternative energy sources like hydro, wind or solar power, you are getting even closer to a zero emission production. Always be one step ahead with Bühler!



Scope of supply

- Complete package with all parts in a modular design
- Specific electrical heating element capacity 5-28 kW, depending on width and power requirements



Benefits

- Consistent end product quality
- Cost savings due to elimination of combustion process
- Green profile for sustainable baking
- Combine the retrofit with capacity calculations to make sure you are using the correct heating capacity and do an oven profile measurement to improve the overall performance of your baking oven



Advantages

- Fewer components for heating system: no gas trains and piping, easier and cheaper stack system
- Less maintenance
- Easy installation attended by a Bühler supervisor
- Installation time: two to three days for each heating section



Available for the following ovens:

- For all Direct Gas Fired (DGF) ovens built from 2010
- with 0,8 - 1,5 m width
- Easier control of baking process



Heating element



Final installation

Subject to technical changes without notice.