

# TOUGH JOBS

A **GROSCHOPP**® CASE STUDY

## + Conveyor Oven

Conveyor ovens run pretty much continuously in extremely high temperatures. Because the motor was operating the convection fan inside the oven, the manufacturer needed a motor that could do the same. Groschopp designed an AC10080 fan-cooled motor with a high temp shaft and high temp food-grade lubricated bearings to withstand the application's demands.

The customer chose to have Groschopp do the complete fan-motor integration assembly to save them time and money on production.

### CHALLENGES:

- ⊖ Extreme, high temperature application
- ⊖ Extended motor life requirement
- + Continuous duty
- ⊖ Size restrictions, must fit within a custom housing

### SOLUTION:

- + AC10080FC with a standard control
- ⊖ High temperature food grade lubricated bearings
- ⊖ Custom shaft to withstand high temperatures
- + Integrated fan assembly

