



## Food Industry - Exhaust & Exhaust Filtration Systems

### Tortilla, Chips and Snack Foods

Quickdraft's Venturi Exhauster replaces traditional in-line exhaust fans. The use of venturi technology eliminates the impeller from the exhaust air stream; therefore eliminating maintenance, unstable exhaust and downtime typically associated with grease, oil or other material buildup on the exhaust fan wheel. Our systems can be installed with your new or existing oven and fryer equipment.

To eliminate oil or grease buildup on your roof, we can provide a Quickdraft Demister Unit. The Demister System uses a three-stage process for filtration including velocity reduction and centrifugal separation, water spray scrubbing and demister pad filtration. These units are self-cleaning and have no moving parts in the air stream. In addition, we can add carbon filter housings to reduce odor emissions if this is a concern.

For over 57 years, Quickdraft has delivered advanced exhaust systems and demister systems to countless food processing plants worldwide. We are committed to the tortilla, chip and snack food industries with a wide range of exhauster and exhaust filtration systems to meet your needs.

#### SOLUTIONS FOR:

Ovens, Fryers, Blanchers, Baking Applications, Mixers, Caustic Chemicals, Freezing Tunnels and High Temperature Applications



“ We have been really happy with the Quickdraft Demister Filtration System on our Chip Fryer. It has exceeded our expectations.”

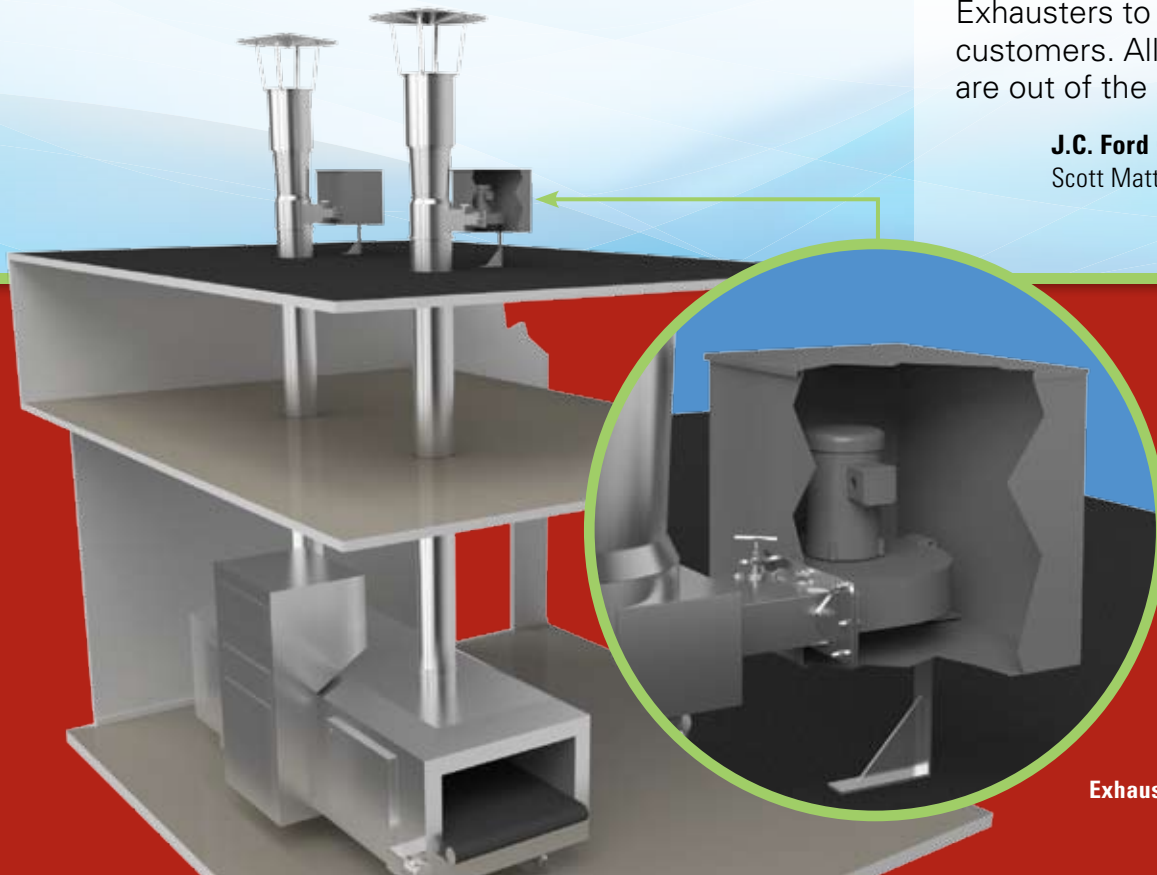
**Manuel Fine Foods**

Mike Torres, *Vice-President*

“ We recommend Quickdraft Exhausters to all of our customers. All moving parts are out of the air stream.”

**J.C. Ford Company**

Scott Mattias, *Senior Engineer*



# Venturi Exhausters

- Eliminate exhaust fan maintenance
- No moving components in exhaust air stream
- No buildup of grease, oil, ice, etc. on fan impeller
- Variable frequency drive control
- Exhaust volumes to 40,000 CFM
- Weather enclosure, storm shield, silencing equipment and other accessories available
- Consistent, dependable exhaust



Before



After

# Demister Exhaust Filtration Systems

- Filter grease, oil and other contaminants from exhaust air stream
- Eliminate grease and oil accumulation on roof
- Three stage filtration:
  - Centrifugal
  - Wet scrubber
  - Demister Pad Filter
- No moving components, easy to maintain
- 99% efficient for particles 10 micron and greater
- 75% efficient for 2-3 micron particulate
- All stainless construction



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