Central
Thermal Fluid Systems

Technology in Action

Bailey Corporation - Lancaster, OH

"I don't think we would ever go back to electric for any reason."

Patrick Donley
Environmental Safety Mgr.

benefits
Benefits Realized
- Uniform Temperature Control
- Easy Expansion
- Energy Savings
- Lower Maintenance
- Reduced Scrap Rates

what
What was Installed
Manufacturer: Fulton
Type: ThermoPac
Gas Company: Columbia

location
Technology on Location
Bailey Corporation manufactures fiberglass reinforced exterior body components for the automotive industry. They purchased a Fulton Thermopac natural gas Central Thermal Fluid System (CTFS) to heat all of their molds off of one system. Since their purchase they have experienced exceptional results.

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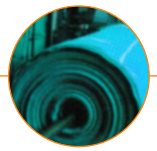
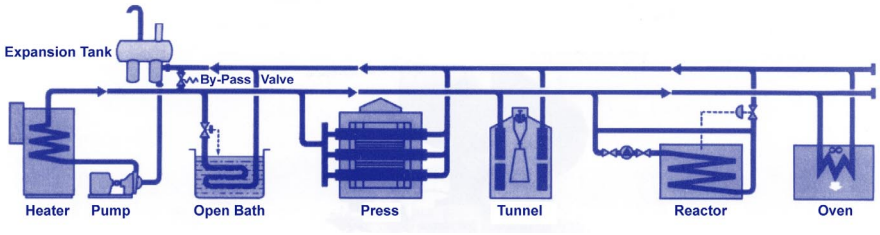


Diagrammatic Thermal Fluid Heating System Showing Five Typical Process Applications



action
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Uniform Temperature Control
Bailey needs a consistent temperature of 300°F in their molds to produce their product. Previously, they heated the oil that circulates through these molds with individual electric heating units. Maintaining consistent temperatures with numerous units proved to be a nightmare. Now that they have switched to a centralized gas unit, they have found that maintaining this consistency is a breeze.

Easy Expansion
The CTFS' high capacity for expansion has impressed Bailey. Bailey can now increase units by simply adding more piping. They no longer have to buy new equipment as their demands increase.

Energy Savings
Bailey has seen a significant savings since changing from electricity to natural gas. This energy savings has convinced them of the lucrative results of staying with natural gas.

Lower Maintenance
One central system means only one system to maintain. Bailey no longer has to oversee numerous pieces of equipment for temperature uniformity or service issues. One system does everything.

Reduced Scrap Rates
If plastic is heated too high or too low, product quality goes down. The natural gas Central Thermal Fluid System's extraordinary temperature uniformity makes the product perfect every time and reduces scrap.

Overall Satisfaction
Bailey has been so pleased with their system and its ability to maintain consistent temperatures while lowering costs that they have decided to never return to electric for any reason.

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