

Turbine Warming System

Increasingly, utility companies are discovering that a relatively small investment in a Turbine Warming System can save millions of dollars in repairs and subsequent fuel costs. It also eliminates humping induced blade seal wear and reduces start up and maintenance costs. The Mannings Turbine Heating System is the highest quality, lowest cost system available.



Control System

Temperature Control is managed through a micro-processor based profile generator that provides accurate, automatic controlling of ramp rates and soak temperatures.*

Individual Set Point controllers serve as both a digital indicator of zone temperature and as redundant controllers. They are easily configured for custom temperature zones.

Indicator Lights on the control panel allow for an instantaneous status check of heaters and contactor.*

An attractive **Custom NEMA Enclosure** houses the instrumentation and power systems. Two large rear doors offer easy accessibility for maintenance.*

*Available options.

Heating System

Uniform Heating is accomplished by utilizing braided rope heaters attached directly to a mesh covered insulation. The heaters are spread uniformly across the blanket for even heating and provide for true conformity to the curvature of the case.

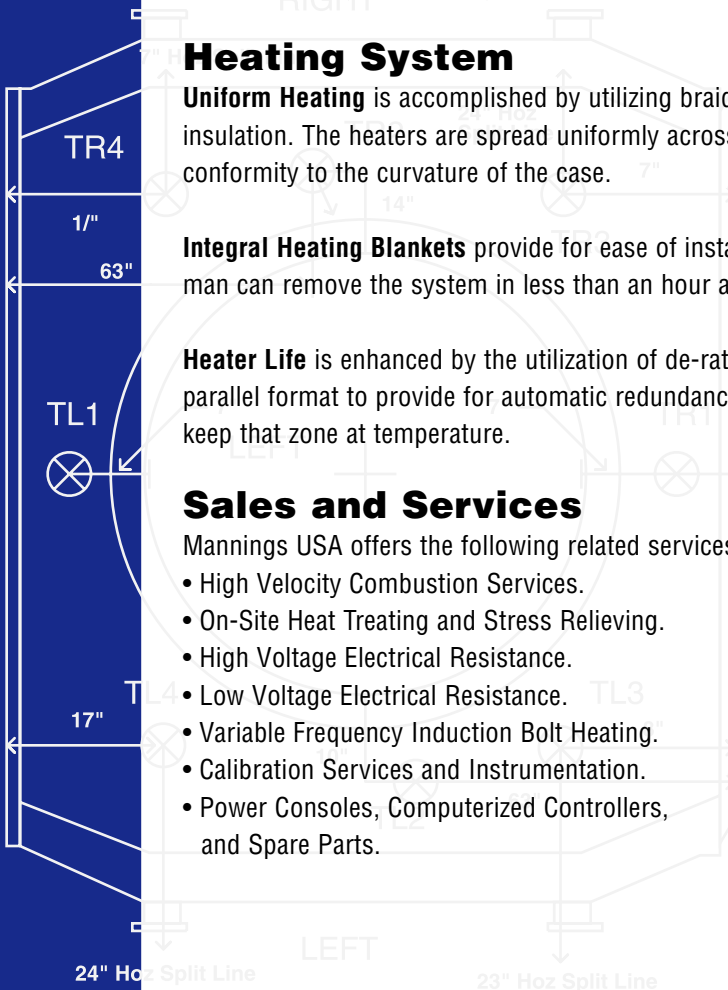
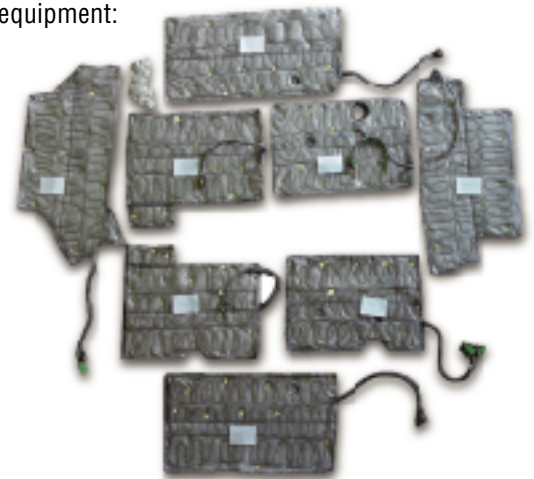
Integral Heating Blankets provide for ease of installation and removal by plant personnel. Typically, one man can remove the system in less than an hour and reinstall it in less than six hours.

Heater Life is enhanced by the utilization of de-rated heaters. The heaters are attached and connected in parallel format to provide for automatic redundancy. In the case of a failure, the remaining heaters will keep that zone at temperature.

Sales and Services

Mannings USA offers the following related services and equipment:

- High Velocity Combustion Services.
- On-Site Heat Treating and Stress Relieving.
- High Voltage Electrical Resistance.
- Low Voltage Electrical Resistance.
- Variable Frequency Induction Bolt Heating.
- Calibration Services and Instrumentation.
- Power Consoles, Computerized Controllers, and Spare Parts.





Mannings USA

Since 1989, Mannings USA has established an international reputation for manufacturing well-designed, functional and reliable products. Along with our field services division, Mannings USA has become a leader in the power generation industries by providing quality products and services worldwide. Mannings' integrity coupled with customer satisfaction is the cornerstone upon which this successful business has been built.

For more information on our Turbine Warming System or other Mannings products and services, please give us a call today.

Nationwide Locations

Mannings USA · 200 Richards Avenue · Dover, NJ 07801

Tel 800-447-4473 · Fax 973-537-1581

www.manningsusa.com

email: info@manningsusa.com

Houston, TX
Tel 800-989-4696
Fax 281-227-9727

Long Beach, CA
Tel 888-757-4328
Fax 562-491-0254

Martins Ferry, OH
Tel 800-551-5541
Fax 740-633-3937

Hobart, IN
Tel 800-417-6664
Fax 219-947-5867

Lakeland, FL
Tel 800-563-3003
Fax 863-619-7910

Columbus, OH
Tel 800-432-8040
Fax 614-836-0028

Claremore, OK
Tel 800-485-6094
Fax 918-343-0601

Lakeside, MT
Tel 888-920-4328
Fax 406-844-3011

Rock Hill, NC
Tel 803-327-3454
Fax 803-327-5535

San Francisco, CA
Tel 877-641-2018
Fax 707-751-0237

Mobile, AL
Tel 800-892-5152
Fax 334-653-9775

