

# WHY BUY A DELTA T SYSTEM FROM MENGES ROLLER ?

Delta T Systems is represented in the converting industry by Menges Roller Company



Delta T Systems, Inc.  
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Menges Roller is well-known for designing & manufacturing high-performance, precision-engineered heat transfer rolls. And Delta T Systems is a leading innovator of chillers and temperature control units for thermal transfer fluids.

Menges has partnered with Delta T to offer comprehensive, turnkey solutions to your heating and cooling needs. Our rollers have been engineered to work in perfect harmony with Delta T's lineup of chillers and heating units.

And all these components work best with Paratherm brand thermal transfer fluids, another Menges product. So now you can deal with one vendor - Menges Roller - for the roller, temperature control unit and thermal fluid. *This worksheet explains the benefits of using Delta T Systems' products in conjunction with your rollers from Menges.*

## Experience:

The Delta T Team is made up of engineers with years of experience in the heat transfer industry. Most have worked with major-name brands and large-scale manufacturers of industrial chillers and temperature control units. They have built on their experiences to bring you the most reliable, well-built chillers and temperature control systems in the industry.

## Safety:

Delta T Systems incorporates multiple safety features into each product. Most features also have secondary benefits in the form of reduced maintenance costs and ease of care. The following explains some of Delta T's major safety features:

- Hot oil system pumps are equipped with a reverse function to enable efficient and safe "no-spill" draining of hot oil / thermal fluids from the roller. This is important for safety reasons, but it's also an "ease of maintenance" feature.
- Oil-based temperature control systems are also equipped with 'low pressure sensors' tied to automatic bypass valves, in the event of a blockage or flow obstruction.
- On all units, if there is a need for electrical component maintenance, you'll find control panels organized and accessible, making service quick and easy.
- To prevent employees from injuring themselves on hot surfaces, all heated reservoir tanks are fully insulated.
- All Delta T products are equipped with an array of temperature sensors, automatically-activated shutoff valves, and features that help reduce everyday risk.
- All Delta T units are built in compliance with NEC electrical codes, the nationally-accepted code for electrical wiring and equipment installations in the United States.

## Parts:

Don't be held hostage by other suppliers who offer proprietary designs that lead to costly replacement parts.

- All Delta T units are designed with 'off-the-shelf' components, allowing you to obtain parts from common sources.
- Delta T parts are offered at a 20-30% discount when purchase through the Delta T Parts Store; but most parts are also available at common supply stores and industrial outlets.
- Using commonly-found parts makes these units easy to work on: plant engineers can usually handle any repairs on site. No more sending units out or waiting 2-3 weeks for "special order items." We don't believe in making you wait.

## Efficiency:

Want to change fewer components, less frequently, all while reducing your energy usage? Get a Delta T System:

- Properly-louvered panels and fully insulated heater tanks maximize heating efficiency and extend component life.
- On oil-based heaters, Delta T's use of mechanical-seal, positive displacement pumps reduces startup time.
- Pumps featuring a reverse gear can dramatically reduce maintenance times by quickly draining the roller.

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## **Durability on the Inside:**

All products from Delta T Systems are designed with the highest level of performance in mind, and manufactured with care in the United States by professionals who understand the importance of these units to your plant:

- Delta T control panels feature easy-to-read LED displays tied to state-of-the-art thermostats for easy manipulation and monitoring of target and actual temperatures.
- All temperature control units feature low watt density heating elements, which are known for their long life and reliable performance.
- Water-based temperature control systems feature horizontally mounted pumps: this promotes extended seal life.
- Delta T Systems' gauges are liquid-filled and include 'snubbers' that work to dampen continuous pressure pulsations and extend the gauge's life.
- Delta T's philosophy embraces functionality over complexity. Components are accessible and easy to modify/repair.
- Unlike some competitors, Delta T products never have wiring problems.

## **Durability on the Outside:**

Are you tired of equipment that does not stand-up to the tough environment of your facility? Chillers and temperature control systems from Delta T are equipped with those small features that make a big difference in usability & lifespan:

- Heavy-duty 3 inch casters; not 2 inch, like most other manufacturers.
- All Delta T cabinets are formed from heavy-gauge steel: these are solid units, not easily-dented or damaged.
- Recessed control panels, to protect gauges and switches from accidental damage

## **Plug and Play:**

Your equipment will be fully-tested, lubricated and specifically-prepped to work in your plant - ready to roll on day one:

- All Delta T units are shipped in a heavy-duty, custom-made crate to ensure units arrive in pristine condition.
- Most systems do not require assembly, and connections to utilities and equipment are easy to make & fit.
- Almost all units utilize a standard 3 phase connection, but single-phase custom options are available.
- Delta T products can be manufactured for compatibility with any of the worldwide H<sub>Z</sub> (50-60) or voltage standards. (including 208V, 240V, 400V, 415V, 460V, 480V and 600V)

## **Customization - Delta T Systems' Specialty:**

At Delta T, we realize that your processes, and even your equipment specifications, may be totally unique to your plant. That's why Delta T works directly with Menges Roller to design and deliver custom-made chillers & heaters.

- *Any component on any Delta T chiller or temperature control system can be customized:*  
(special pumps, wide-diameter fittings, extra drains & valves, any brand of control panel or microprocessor)
- High-capacity machines can be designed with stand-alone cooling towers, high-voltage hookups, etc.
- *Speak to your Menges Sales Engineer about having Delta T build a system that meets your unique needs!*

## **The Bottom Line:**

- Delta T chillers & temperature control systems are designed to work in a wide variety of industrial environments - from blown film plants to laminating lines and messy coating operations - these machines will perform !
- Simplicity and proven components are the keys to a long-life on these easy-to-maintain machines.
- Customization to suit your unique applications makes Delta T the best choice for critical machine builds.

***Speak to your Menges Roller Sales Engineer to order a chiller or temperature control unit from Delta T Systems.***