

INNOVATIVE Application Solutions

MOKON

Composites

.... also known as advanced engineered materials, are found in a growing number of industries including aerospace, automotive, construction, medical, military, pharmaceutical, renewable energy, sporting goods, and transportation.

Original equipment manufacturers and complex material users around the globe, rely on Mokon's experienced design and application team to meet their process temperature control system needs. Mokon's state-of-the-art heat transfer systems and chillers offer superior customization, strength, and durability that both composite equipment manufacturers and users of materials require.

Mokon offers a full range of process temperature control equipment from -20°F to 700°F (-29°C to 371°C) that can meet most composite applications and material requirements involving adhesives, autoclaves, fabrics, food, lasers, molding, ovens, packaging, plastics, resins, rubbers/ elastomers, and much more.

Closed-circuit temperature control system with stainless steel cabinetry including electrical enclosure and louvered panels for wash down capabilities, and 2-pen temperature chart recorder.



For over 60 years, Mokon has set the standard in the design and manufacture of high-quality systems. Mokon continues to build a strong reputation as a provider of durable, accurate temperature control systems with superior performance. Whether it is a Mokon water or heat transfer oil system, portable or central chiller, control panel, or custom designed engineered system - Mokon products are designed to perform and built to last!

MOKON®

Designed to Perform. Built to Last.

Rapid response, specific solutions.

Recently, an international leader in pre-impregnated composite fiber equipment contacted Mokon looking for an innovative heat transfer fluid system for their new line of machinery. We were challenged to provide heating and cooling process control for bonding and partial curing of a new material with high temperature requirements, while meeting specific production and space-saving needs – all in a tight delivery timeline.

We responded quickly! Building on years of experience in designing and engineering quality heating and cooling systems, our engineering team developed a compact custom three-zone, high temperature heat transfer fluid system and an open-frame air-cooled condensing chiller.

Fortunately, Mokon excels at rapidly producing specific-use systems and we were able to design, build and deliver the equipment on time. Mokon's innovative designs met the requirements of both the equipment manufacturer and end user for high speed product throughput, efficiency, accuracy, and quality.

Mokon Products and Capabilities:

- Water and Heat Transfer Oil Systems
- Portable and Central Chillers
- Control Panels
- Custom Designed/Engineered Systems
- Closed and open loop circuitry
- Single and multi-zone circuits
- Stainless steel cabinets and components
- TEFC motors and magnetic drive seal-less pumps
- Tri-clamp and flanged connections
- NEMA rated panels and wash down designs
- SCR and solid state relays
- Electronic PID digital controllers with remote set point and re-transmission features
- Variety of communication options
- Remote interface electrical enclosures



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