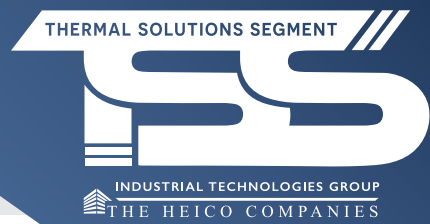
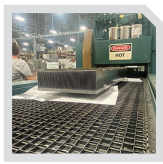


The Thermal Solutions Segment is a division within the Industrial Technologies Group, Part of The Heico Companies LLC. The Thermal Solutions Segment is a collection of five thermal management companies within the Heico Companies global portfolio. Headquartered in Nashua, NH the Thermal Solutions Segment (TSS) is focused on thermal management products and services throughout several business units in serving various vertical markets including cooling of Power & Industrial, Aerospace & Defense, Data Centers & Servers, Automotive, and many other industries.

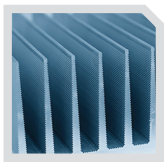


WAKEFIELD THERMAL Nashua, NH

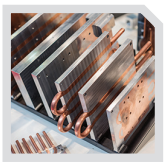
WAKEFIELD EXTRUSION Pelham, NH | Withee, WI



Thermal Epoxy Bonding



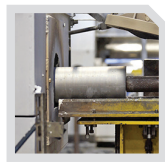
Machined Heat Sinks



Liquid Cold Plates



Induction Soldering



US Domestic Aluminum Extrusion



35 Punch Presses



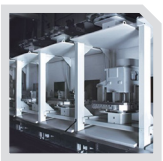
53 Million Pounds Annual Capacity



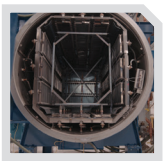
4 Aluminum Extrusion Presses

CA DESIGN Exeter, NH | Raleigh, NC

PRECISION ENGINEERING LLC Uxbridge, MA



Automated Lights Out Machining



Vacuum Brazing & Dip Brazing



3, 4, 5-Axis CNC Machines



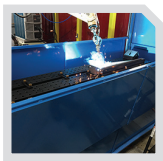
Mechanical Assembly



Laser Cutting



Powder Coating



Robotic Welding



Enclosures/Boxes

Coolcentric Raleigh, NC

VETTE CORP Dongguan, China



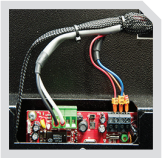
Data Center Cooling



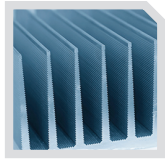
Rear Door Heat Exchangers



Coolant Distribution Unit



External Manifold Kits



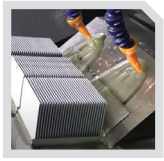
Machined Heat Sinks



Anodizing

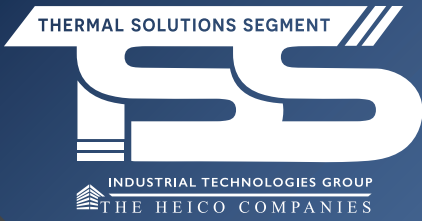


Friction Stir Welding



Skiving





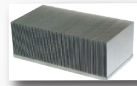
THOUSANDS OF OFF THE SHELF THERMAL PRODUCTS

Available at Global Distributors:



Natural Convection Heatsinks

- Thermal Extrusions
- Board Level & BGA
- LED Heatsinks
- Skived Fin Heatsinks
- Bonded Fin Heatsinks
- DC/DC Converters



Two Phase Cooling

- Heat Pipes
- Heat Pipe Assemblies
- Vapor Chambers
- Vapor Chamber/Zipper Fin
- Thermoelectric Coolers (TECs)
- TEC Assemblies



Thermal Interface Material

- Thermal Grease
- Thermal Epoxy
- Gap Pads
- Phase Change
- Thermal Pads



Liquid Cooling

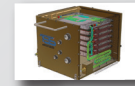
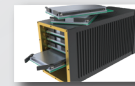
- Rolled Tube & Plate
- Buried Tube
- Exposed Tube
- Vacuum Brazed
- Friction Stir Welded
- On Chip Cooling
- Rear Door Heat Exchangers
- Liquid Cooling Systems
- Cooling Distribution Units



Rugged & Defense



- Wedglock Card Retainers
- Liquid & Air Heat Frames
- Ejectors/Injectors
- Smart Lever
- Front Panels
- ATR Chassis
- Liquid Flow Through Chassis



Not quite your spec? We've got your back. Contact the TSS Coolvation team to manufacture your total thermal solution and custom designs. Contact us today to learn more

Our 5 Step Process

