

The background of the slide features a large, jagged iceberg floating in a body of water. The top of the iceberg is covered in a layer of snow or ice. In the foreground, three different types of industrial cooling components are displayed on a flat surface. The largest component is a rectangular heat exchanger with a black top plate and a series of vertical fins. To its left is a smaller, cylindrical component with a copper-colored coil. To its right is a flat, rectangular component with a series of parallel fins and two copper-colored pipes extending from one end. The overall scene is set against a backdrop of a vast, icy landscape.

Cooling Source[®]

Thermal Design

By: Sales
Sales@coolingsource.com

COOLINGSOURCE.COM

A background image showing a group of business professionals in a meeting, with a blue overlay. In the foreground, a hand is pointing at a document with a pie chart and bar graphs.

COMPANY OVERVIEW

A dark blue, semi-transparent background image showing a group of business professionals in a meeting. Some individuals are visible in the foreground, while others are in the background, creating a sense of depth. The overall tone is professional and corporate.

Mission

CSI aims to deliver the highest value of service and products to our customers timely, as the premier thermal solutions manufacturer, designer and service company

OVERVIEW

About Us



Cooling Source, Inc. prides itself first and foremost as a company that excels in customer satisfaction. We are a leader in heatsink design and manufacture worldwide.

We offer a broad range of heatsink manufacturing processes, engineering Support and design services.

Our Manufacturing plants complies with ISO9001:2015 and ITAR . Our products are Rohs compliant and we adhere fully to EICC conflict-free smelters programs to assure you of a quality and affordable product.

All employees are rigorously trained and then certified to ensure highest quality products.

Thank you for your interest in Cooling Source, Inc.

OVERVIEW

Fact and Figures

The company supports global operations by way of two manufacturing plants, extensive direct sales, representatives and distribution network throughout North America, Europe, Latin America and Asia Pacific:



California Based
Sales, Engineering office,
Manufacturing



Manufacturing Plants
USA / China 150 K ft²



Output Capacity
2.8M Pcs / Month



Employees
280



Projected Revenue
\$35M

Our company continuously invest in capital equipment and employees to ensure our customers latest technology, quality products timely.



OVERVIEW

Our Team



Michel Gelinas
President & CEO



Experiences

Accomplished technology senior executive with more than 20 years of experience serving Fortune 1000 companies



Montreal University
Business



Ben Makhoul
Mechanical & Thermal Engineers.



Experiences

Innovative and performance driven Thermal Mechanical Engineer with 20 years of experience

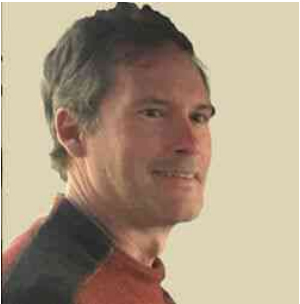


Pierre and Marie Currie University
Engineering



OVERVIEW

Our Team



Andrew Stack
Director of Operation

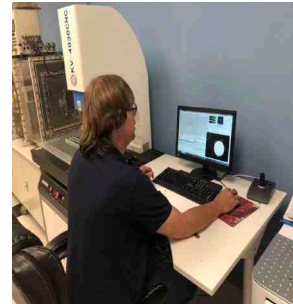


Experiences

Responsible for operations, procedures, quality, and engineering for the USA - 20 years of experience



Arizona State University
Engineering



Rikk Jefferson
Plant Manager.



Experiences

20 years of experience managing, programming, setup.



San Jose State College
Machinist & Programmer

A background image showing a group of business professionals in a meeting, with a blue overlay. In the foreground, a hand is pointing at a document with a pie chart and bar graphs.

BUSINESS SERVICES

Overview

CSI Core Competence

**We provide end to end support,
thermal design, manufacturing,
quality and services**

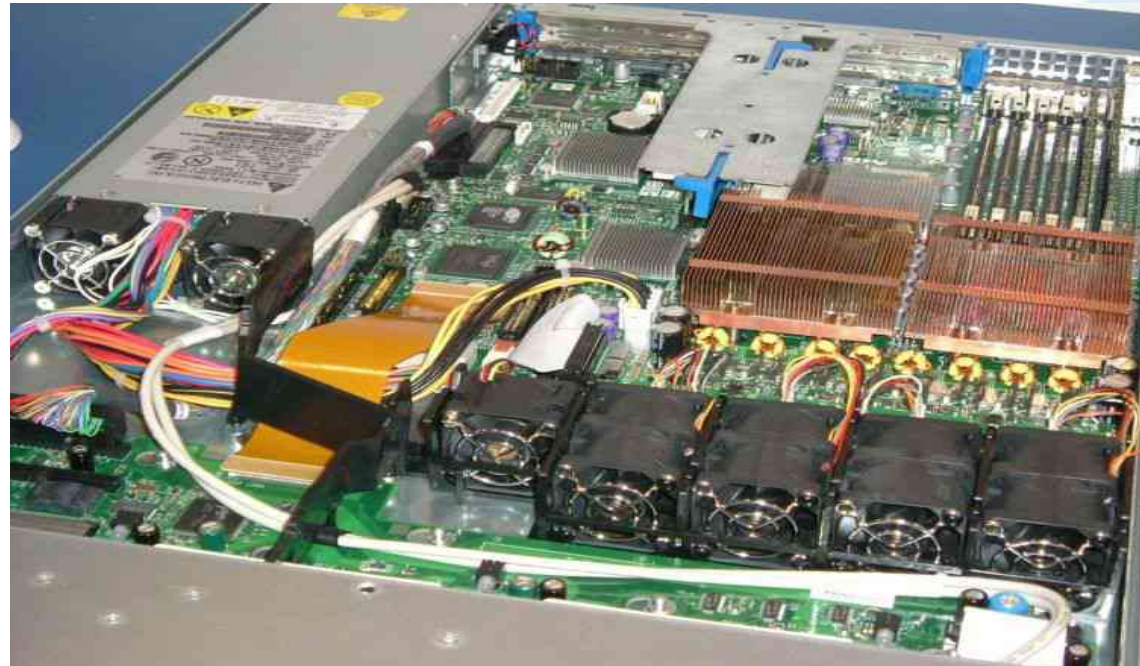
1. Design Flexibility
2. Cost Effective Manufacturing
3. Engineering Support
4. Quality Control
5. Supply Chain Management
6. Global Support

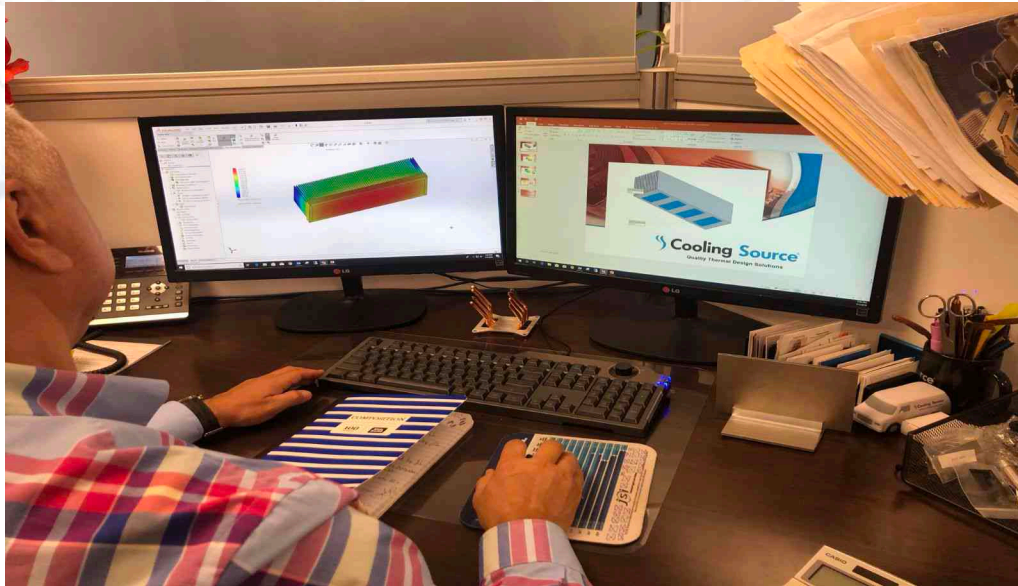


CSI – Design Flexibility

Cooling Source provides the broadest range of manufacturing processes to ensure you the most cost-effective thermal solution.

- ☐ Die Casting
- ☐ Precision Machining (CNC)
- ☐ Extrusion High aspect ratio
- ☐ Folded Fin
- ☐ Forging
- ☐ Skived Fin
- ☐ Swaged & Bonded Fin
- ☐ Zipper Fin
- ☐ Heat-pipe Assembly
- ☐ Liquid Cold plate
- ☐ CPU Coolers





Business Services

Engineering Support

Provide detailed thermal analysis and validation services of heat sinks, assemblies and boards for new designs using CFD modeling tools

Quick turn-around of prototypes and pre-production quantities to support short design cycles

Provide design proposal of heat sinks and thermal solution assemblies

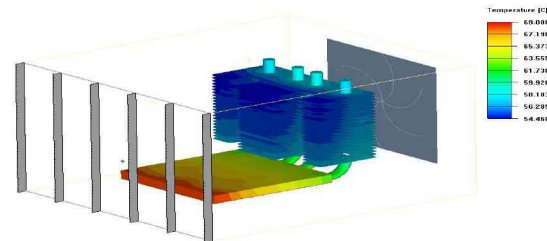
Cooling Source, Inc. Controlled Document - Do Not Duplicate

Cooling Source
Quality Thermal Design Solutions

Toll-Free: 1.925.292.1293
Fax: 1.925.292.5061

Request for Heat Sink Design & Quotation

CONTACT INFORMATION	
First Name:	Last Name:
Title:	
Company:	
Address:	
City:	State:
Country:	Zip Code:
Email:	
Phone:	
Fax:	
DIMENSIONS AND TOLERANCE SPECIFICATION (in inches)	
Space Available:	Length (or flow direction) in. "
	Width in. "
	Height in. "
Tip Clearance (distance from tip of heat sink to nearest obstruction) in. "	
Flatness Spec: <input type="checkbox"/> 0.01 inch per inch <input type="checkbox"/> Other, please specify: _____	
Other tolerance specifications or additional information request: _____	



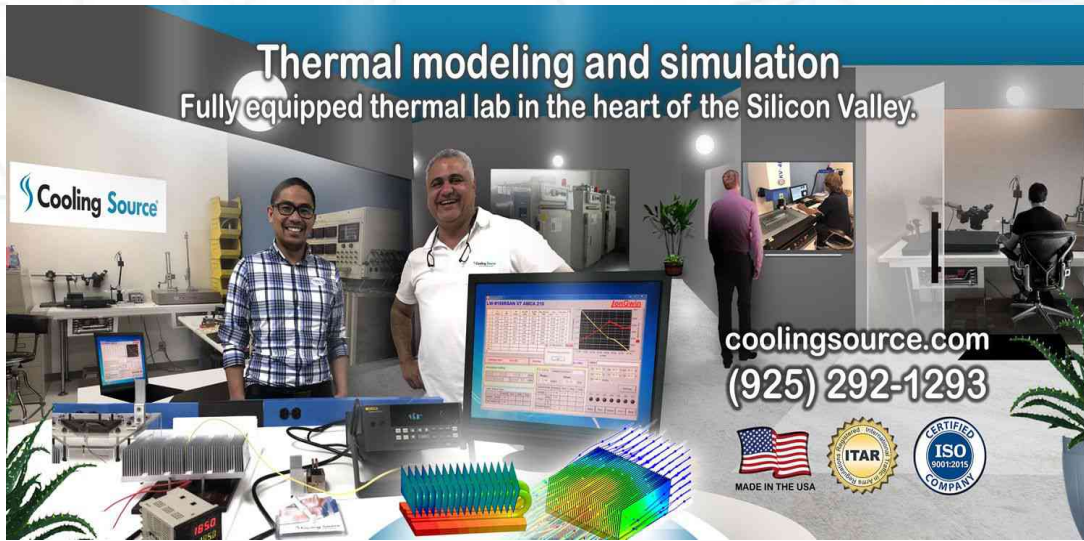
Confidential



Cost Effective Manufacturing

- ❑ USA & Asia Owned Factories
- ❑ Prototype and Production with minimal lead times
- ❑ RFQs, order placements and coordination performed by USA based personnel
- ❑ High quality components with competitive, global market pricing
- ❑ Utilize cutting edge manufacturing processes to ensure the highest quality possible
- ❑ Manufacturing Management System (MMS)





Business Services

Testing & Validation

R&D resource:

10 R&D engineers, 4 IE & test engineers, 4
Tooling and Equipment engineers

Reliability & Verification:

Performance test/Aging test/Salt atmosphere
test/Temperature cycle test/mechanical test / CMM



A background image showing a group of business professionals in a meeting, with a dark blue overlay. A light blue horizontal bar is positioned on the left side of the slide.

DELIVERABLES

Deliverables

Products Portfolio

Extrusions



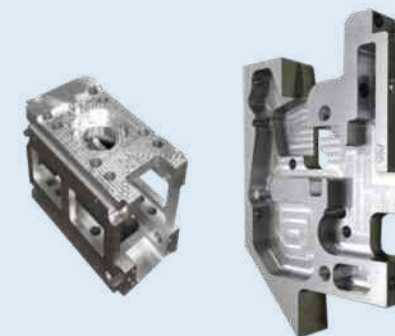
Cold Forging



Die Casting



CNC Machining



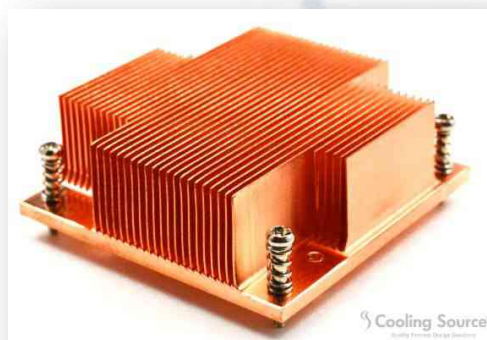
Confidential



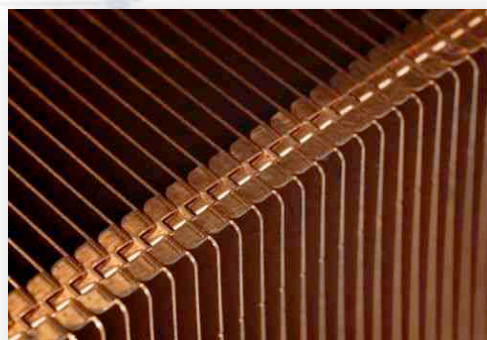
Deliverables

Products Portfolio

Skived Fin



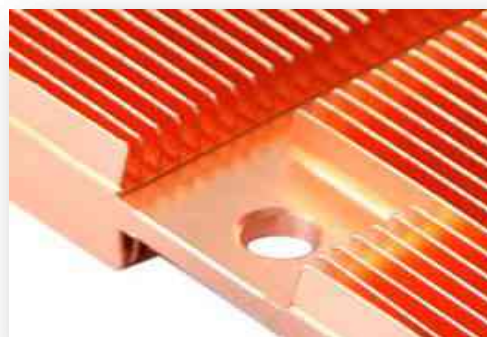
Zipper Fin



Folded Fin



Bonded /Swaged



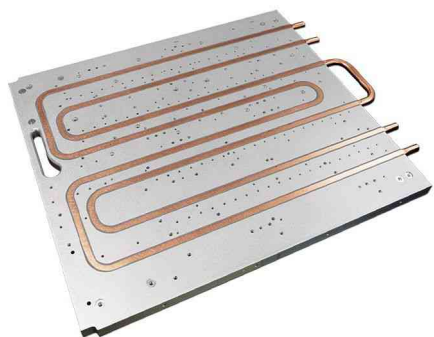
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Deliverables

Products Portfolio

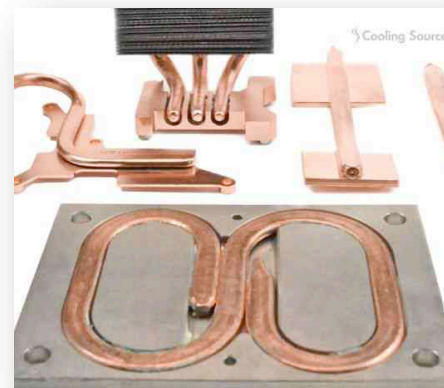
Liquid Cold Plates



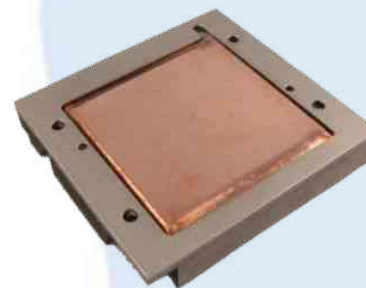
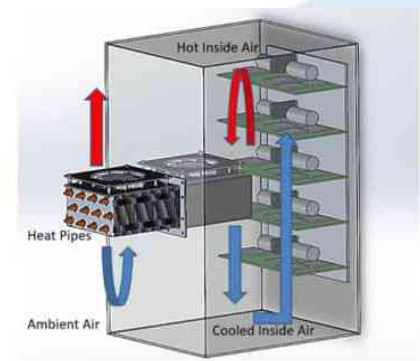
CPU Coolers



Heat Pipes / Vapor chamber



Air Exchanger / TEC



Confidential

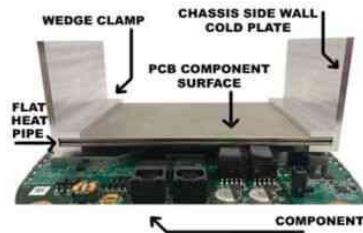
Deliverables

Products Portfolio

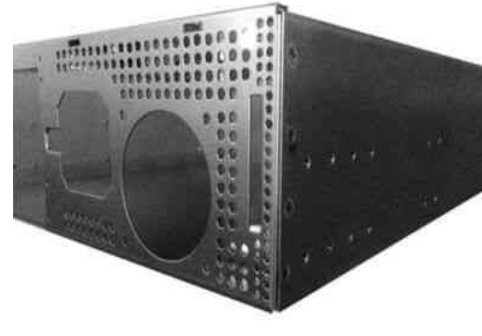
Bar Clamp



ISO Therm Plates



Enclosures



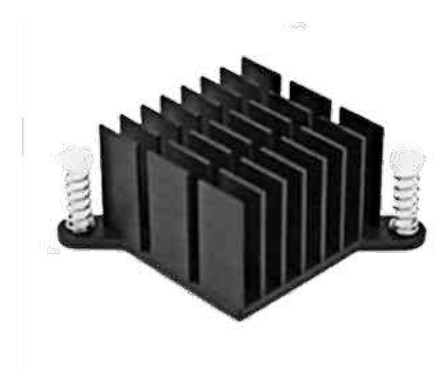
Hardware



Deliverables

Standard Products Portfolio

Liquid Cold Plate | Extrusion | CPU Cooler | DC Fans | Board Leve | Heat Pipe | Thermal Grease



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 **Cooling Source®**

Deliverables

Manufacturing Capabilities

Equipment



1

Extrusions



2

Laser Marking



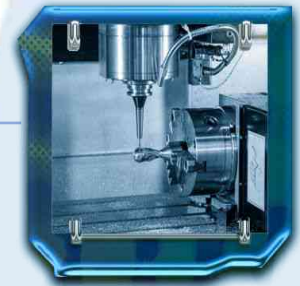
3

High Speed
Machining



4

Hydraulic Press



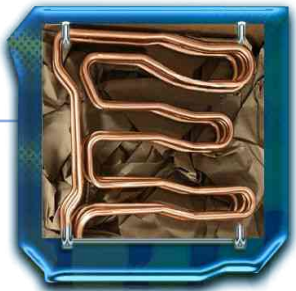
5

4th Axis

Deliverables

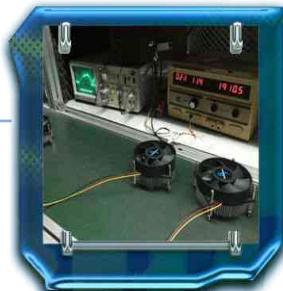
Manufacturing Capabilities

Equipment



6

Tube
Bending



7

Heatsink
Assembly



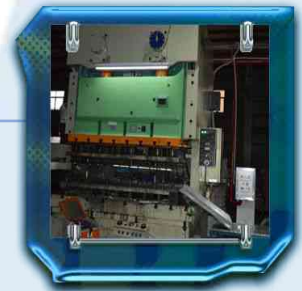
8

Vacuum Brazing



9

Brazing



10

Metal Forming

Deliverables

Manufacturing Capabilities

Equipment



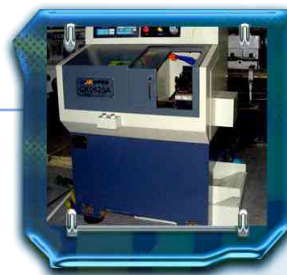
11

Automatic
Cutting



12

Surface
Treatment



13

CNC Lathe

Deliverables

Fully Equipped Lab

Equipment



1
CMM



2
Pressure Testing



3
Wind Tunnel



4
Temperature &
Humidity Chamber



5
Thermal Shock
Tester

Deliverables

Fully Equipped Lab

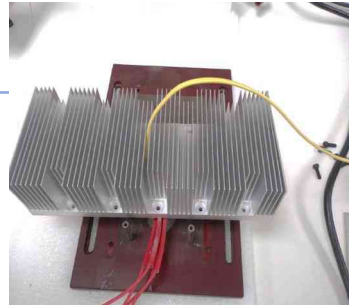
Equipment



6
Heat Load
Fixture



7
Control Monitor



8
Temperature
Sensor



9
Mechanical Test



10
Salt atmosphere



Quality Policy

CSI will meet or exceed all customer and other applicable expectations by engaging and challenging our talented personnel to continually improve each process and system.

OVERVIEW

Certifications

Recognition.
Credibility.
Responsibility.

Since the beginning, We has been a different kind of company. One that is dedicated to customer satisfaction . We are grateful to our internal and external customers for making us the company that we are. And we are honored to be acknowledged for our efforts.



ISO9000-2015

Achieved in 2012



UL Certified

Obtained in 2017



ITAR Registered

Since 2017



Quality Management System

- ❑ Quality Policy
- ❑ Manufacturing Management System (MMS)
- ❑ ISO 9001:2015 and ITAR Certified
- ❑ Quality Control System
 - ✓ IQC, IPQC, OQC(QA), QE,CQE Procedure
 - ✓ Product Management Plan
 - ✓ SPC Control
- ❑ Inspection Standard & Testing Equipment



SALES

Contact Us



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Thank you!



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