

INNOVATORS IN HEAT TRANSFER TECHNOLOGIES

Custom Engineered Heat Exchangers



**Quality, Delivery and Price
To Meet The Toughest Challenge**

TOROMONT

CIMCO

✓ Superior Quality

✓ Fast Delivery

✓ Competitive Pricing

A member of the Toromont group of companies, CIMCO is recognized worldwide for its exceptional quality in industrial product design, engineering and manufacture. With over 90 years of experience, our extensive engineering and manufacturing resources enable us to build custom engineered heat exchangers that provide the quality, delivery and price to meet your toughest challenge.

✓ Engineering

CIMCO has developed an integrated staff of professional engineers, technicians and designers. All are capable of working within several disciplines. Thorough knowledge of major processes enable our multi-disciplined staff to provide equipment which can be readily integrated into any type of system. As a whole the company's range of design talent allows it to participate in a wide range of projects.

Capabilities:

- On-staff engineers that respond with a low cost, high performance design every time
- Comprehensive thermal and mechanical design capabilities in-house for all types of shell and tube heat exchangers using the most advanced design software available
- Complete vibration and stress analysis to ensure equipment longevity
- Electronic drawings available for all projects

✓ Manufacturing

All products built to exacting standards within a quality-controlled environment utilizing the latest in "Lean" manufacturing technologies.

- More than 60,000 sq. ft. facility
- All manufacturing done on the premises
- Wide range of NC machining capabilities
- Latest welding technology, including
 - GMAW (MIG),
 - SAW (Submerged Arc),
 - GTAW (TIG)
 - SMAW (Stick)



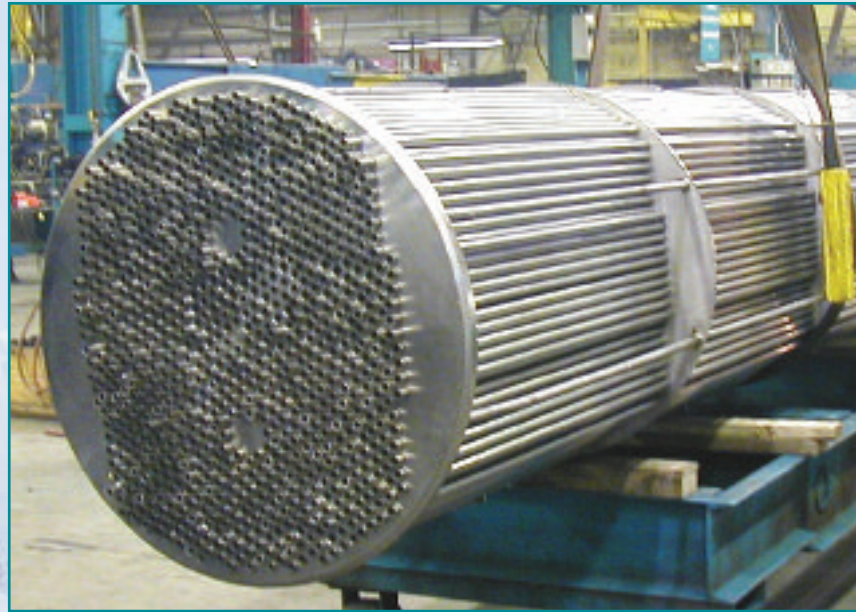
Exchangers offer...

✓ Products

With offices throughout North America and the world, we have been providing equipment and satisfying customers since 1913.

Shell and tube heat exchangers

- Maximum capabilities: 95,000 lbs, 8' 6" dia., 50' lg., 3" wall thk.
- Fabricated in carbon steel, stainless steel, high alloy, and non-ferrous (904L, monel, titanium and other materials)
- Straight and U tube design
- Fixed and removable tube bundles
- All TEMA designations



✓ Codes and Standards

- ASME Section VIII, Div. 1
- ASME Code "U" Symbol Certificate of Authorization
- National Board Certificate of Authorization
- ASME Section IX (Welding)
- TEMA Class B, C, and R
- API 660
- CSA B51
- NACE
- ANSI
- ASME B31 Pressure Piping
- CE Compliance



CIMCO

Heat Exchanger Specialists

Design & Engineering

CIMCO has built its reputation by having the best technical sales, manufacturing, thermal and mechanical design engineers. Our team of application specialists can draw on over 90 years of experience to

design the heat transfer equipment that will meet your specific needs. From initial concept, to detailed fabrication drawing, CIMCO engineers are available to ensure the success of your project.

Computer Programs

CIMCO has been using microprocessors for more than 25 years to enhance and accelerate the engineering function. The Engineering Department has developed a large portfolio of software to optimize the design of heat exchangers, pressure vessels, packaged systems and manufacturing processes. All engineering drawings are produced using Autocad on Pentium platform computers.

CIMCO also utilizes computer programs developed by AspenTech®. Aspen Tasc+™ and Aspen Teams® provide

engineering research and computer software services directed at the thermal and mechanical design of shell and tube heat exchangers. The thermal and mechanical software provides the design of all classes of heat exchangers, including mechanical design, instantaneous pricing, as well as general arrangement and detail drawings. The AspenTech software is complemented by numerous software programs developed in house by our experienced staff of thermal and mechanical engineering specialists.

Manufacturing

We have established our reputation by using the latest manufacturing techniques to produce the world's most advanced heat transfer equipment. The products we design and manufacture become integral

components of wide and varied process systems related to oil & gas, chemical & petrochemical, pharmaceutical and refrigeration systems.

Support

At CIMCO we understand that good support means being both responsive and capable. That requires local support personnel who are in a position to address any issues or requirements that you may have. That is why we have established support teams all across North America, and

indeed the world, backed by our entire Head Office team.

CIMCO provides these teams with ongoing training, so that they can offer you the very best in heat transfer equipment support.

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*Cimco.
Expect the
best*