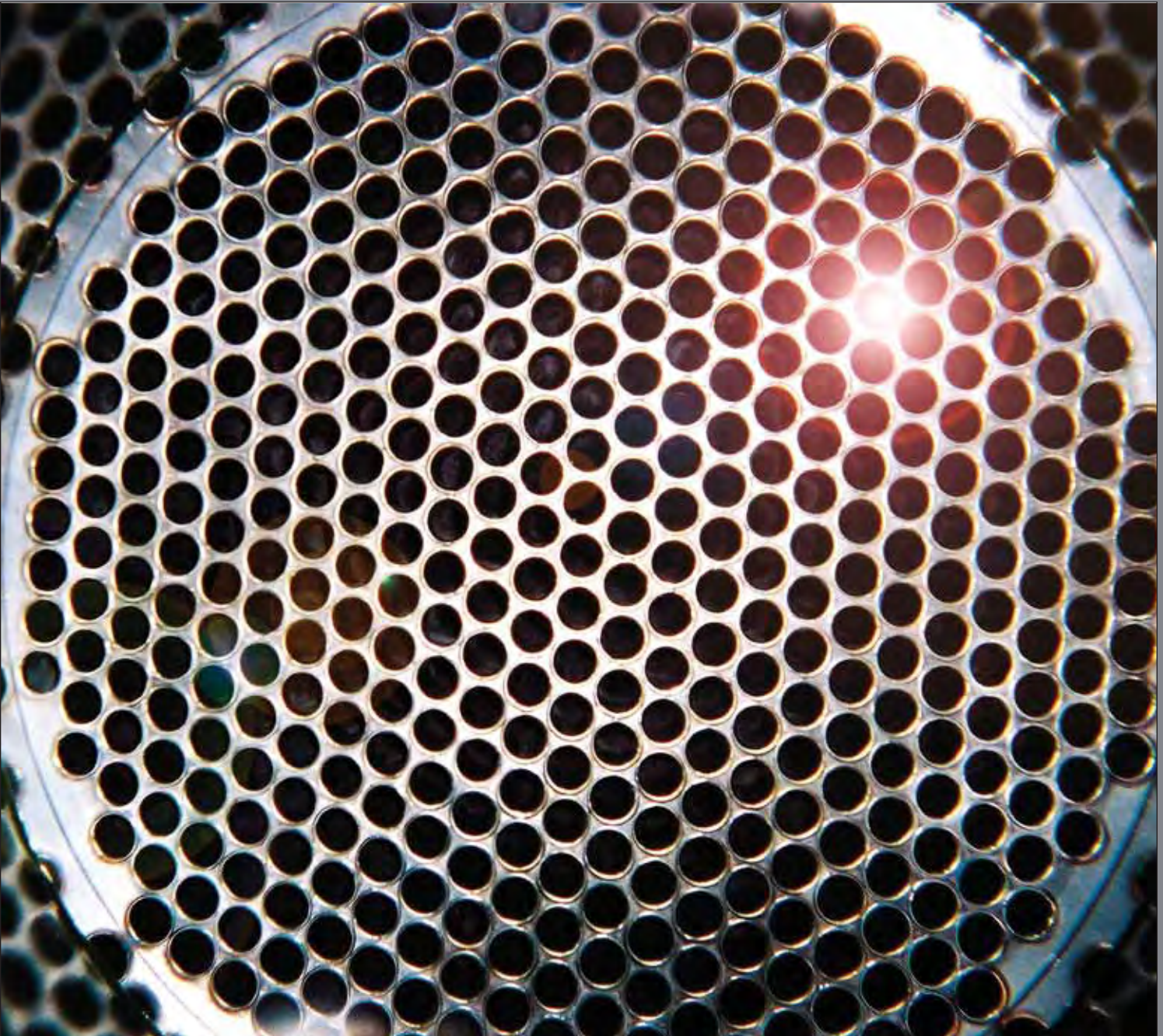


SHELL-AND-TUBE HEAT TRANSFER EQUIPMENT

FOR INDUSTRIAL AND PROCESSING APPLICATIONS



MUELLER[®]

PROCESSING SYSTEMS AND EQUIPMENT

Paul Mueller Company

Mueller® is Your One-Stop Supplier!

Paul Mueller Company is your full service provider. Since our inception in 1940, we have evolved from a small-scale fabricator into a global process solution provider with nearly one million square feet of manufacturing space under roof. Our products are used in over 100 countries in a wide variety of applications. We offer a full range of tanks/vessels from shop fabricated alloy vessels up through 20 feet in diameter to field fabricated vessels up through 2,000,000 gallons, but we do more than tanks — we provide process solutions. We offer integrated systems, modular fabrication, field construction, plant maintenance and repair, and complete turnkey project execution. Mueller delivers outstanding equipment and unique solutions to the process industries with our technical expertise, innovative engineering, and manufacturing resources.

We know that building a quality product starts from the ground up. Our primary objective is to improve the profit performance of our customers through our product and service offerings. Mueller has been built by focusing our extensive resources, process experience, and craftsmanship on solving the processing needs of our customers.

State-of-the-art manufacturing facilities. Our centrally located Springfield, Missouri, facility is equipped with metal cutting, forming, and welding equipment that provides us with the most state-of-the-art fabrication and machining capabilities available today.

Mueller products are made by our skilled craftsmen, whose average experience exceeds 15 years. On any given day, their talent and pride of workmanship can be observed in our production bays. Our process is well defined, and Mueller team members fully understand the importance their individual roles play in producing a quality product. Our central United States production facility lowers your transportation costs and speeds the delivery of product to your location.

Factory technicians and field service available. Our trained factory personnel offer rapid response to your service needs.

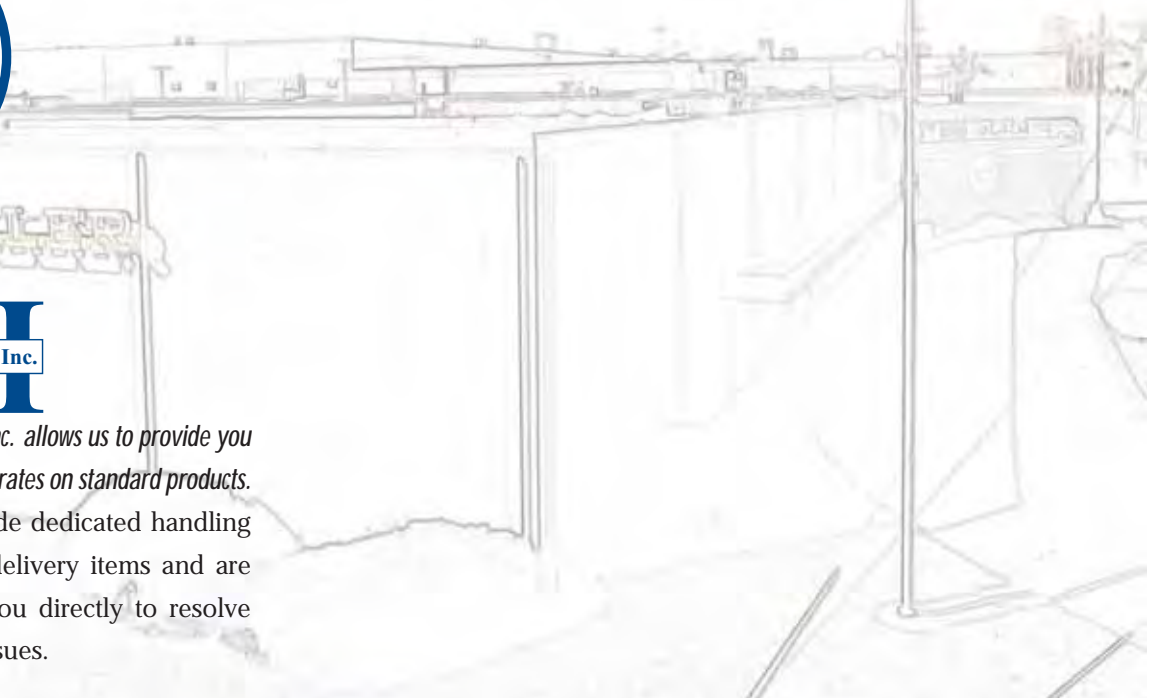


Mueller Field Operations, Inc. Mueller's field construction capabilities allow us to build on-site, offering our customers more versatility and flexibility.



Mueller Transportation, Inc. allows us to provide you with competitive delivery rates on standard products.

We are able to provide dedicated handling for large or critical delivery items and are able to work with you directly to resolve any transportation issues.





Paul Mueller Company

Shell-and-Tube Heat Transfer Equipment for Industrial and Processing Applications

Mueller's state-of-the-art shell-and-tube designs minimize the effects of fouling, provide trouble-free start-ups, and increase your operation's run times.

With many years of process experience, our engineers design high performance shell-and-tube heat transfer equipment specifically for your application, as opposed to a "one size fits all" approach.

If you are interested in a heat exchanger that is built to last, will minimize downtime, eliminate water-hammer issues, and reduce maintenance costs, Mueller® shell-and-tube designs are the answer.



Shell-and-Tube Heat Exchangers

- ◆ All TEMA types

Evaporators

- ◆ Climbing film
- ◆ Falling film
- ◆ Multiple effect

Reboilers

- ◆ Horizontal thermosiphon
- ◆ Vertical thermosiphon
- ◆ Kettles

Condensers

Steam Generators



Materials of Construction

Mueller shell-and-tube heat exchanger materials of construction include (but are not limited to):

- ◆ Carbon steel
- ◆ Stainless steel
- ◆ High nickel alloys

Quality Assurance

- ◆ Steam cycling
- ◆ NDT (Level 3)
- ◆ Radiographic testing
- ◆ Laser alignment
- ◆ Ultrasonic testing
- ◆ Tensile testing
- ◆ Positive material identification (PMI)
- ◆ Liquid penetrant leak detection
- ◆ Mass spectrometer leak detection
- ◆ Refrigeration laboratory testing
- ◆ Surface profile measurement
- ◆ Halogen leak detection
- ◆ Video probe inspection
- ◆ Magnetic particle testing
- ◆ AWS - SCWI (resident)
- ◆ Hardness testing

Certifications

- ◆ ASME
- ◆ TEMA
- ◆ cGMPs
- ◆ PED
- ◆ CSA
- ◆ CE
- ◆ SQLO



Paul Mueller Company

Shell-and-Tube Heat Transfer Equipment for Industrial and Processing Applications



CUSTOM
IS THE STANDARD AT
MUELLER®





Springfield, Missouri



Osceola, Iowa

MUELLER®

P.O. Box 828 • Springfield, Missouri, 65801-0828, U.S.A.
Phone: (417) 831-3000 • 1-800-MUELLER • Fax: (417) 575-9669
www.muel.com • E-mail: processing@muel.com

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