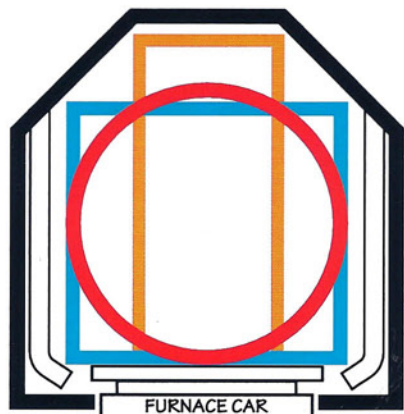




New Expanded Heat Treatment Furnace.

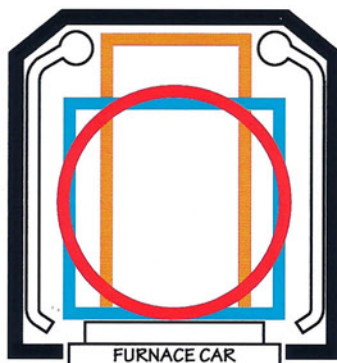
Arrow Tank and Engineering has expanded their heat treatment furnace capacity. This equipment is specifically designed to relieve stress in pressure vessels and weldments.



Furnace 1

Maximum 75' long

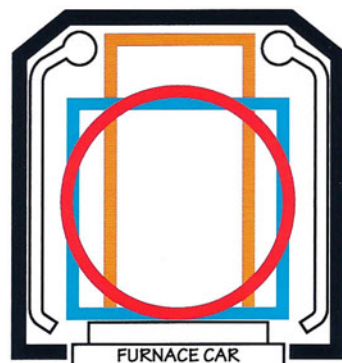
Up to 200 tons of load at temp of 1700° F
Maximum Temperature from 300° to 1700° F
State-of-the-art PLC controls
Independent, 4-zone temperature control
Temperature uniformity of +/- 25° F
Up to 58 thermocouples (expandable)
32 million BTUH heating capacity



Furnace 2

Maximum 31' long

Up to 80 tons of load at temp of 1350° F
Maximum Temperature from 300° to 1350° F
State-of-the-art PLC controls
Independent, 2-zone temperature control
Temperature uniformity of +/- 25° F
Up to 28 thermocouples (expandable)
16 million BTUH heating capacity



Furnace 3

Combination of 1 & 2

Maximum 109'-6" long

Up to 280 tons of load at temp of 1350° F
Maximum Temperature from 300° to 1350° F
State-of-the-art PLC controls
Independent, 6-zone temperature control
Temperature uniformity of +/- 25° F
Up to 86 thermocouples (expandable)
48 million BTUH heating capacity

	Furnace 1	Furnace 2	Furnace 3
Round ○	18' diameter	14' diameter	14' diameter
Square □	14'-8"h X 16'w	13'-6"h X 13'-6" w	13'-6"h X 13'-6" w
Rectangle ▭	18'h X 9'-5" w	16'h X 9' w	16'h X 9' w

Odd sizes and shapes including longer units can be handled using localized stress relieving.
Call Arrow Tank with your specifications or any questions.

For more information, contact Arrow Tank and Engineering, Inc.

650 North Emerson, Cambridge, MN 55008 • phone: 763-689-3360 • Fax: 763-689-1263 • E-mail: joe@arrowtank.com

Arrow

TANK AND ENGINEERING CO.



Additional services provided with heat treatment include the following:

- Complete process data stored and printed from a Windows XP based computer program.
- Temperature charts and graphs are Microsoft Excel based and are available electronically or in hard copy.

Code Qualifications:

We are qualified to fabricate to the following codes:
ASME · SELO Chinese Certification - PED/CE European
AWS · AISC · API · AISI · DOT · NBBI · MTI · UL · AWWA



Arrow Tank is a member of the Metal Treating Institute.



Furnace Facts:

- Heat treatment furnace uses natural gas as its primary fuel and propane as a standby fuel.
- Indoor crane service provided for loading and unloading for up to 240 tons.
- Product loads are positioned on unique supports which allow for expansion during treatment.



Other services provided by Arrow Tank:

- Custom fabrication including explosion bonded alloys and overlay work.
- Propane trucks and tanks.
- Custom blasting and painting of large parts.
- Fire suppression systems.
- Arrow Tech High Purity Welding.
- Non-destructive testing (NDE) procedures include level III radiography, magnetic particle and dye penetrant and ultrasonic testing.
- Shipping worldwide via rail, truck or over water.

Visit us on the web to learn more about what we can do for you.

www.arrowtank.com

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