

# **THERM-TECH**

OF WAUKESHA, INC.  
HEAT TREATING SPECIALISTS

PHONE (262) 549-1878

1-800-752-6917

FAX (262) 549-4320

[www.thermtech.net](http://www.thermtech.net)

## **THERM-TECH OF WAUKESHA, INC.**

301 TRAVIS LANE, WAUKESHA, WI 53189

OPERATING 24 HOURS PER DAY, 5 DAYS PER WEEK

Steven Wiberg, President-Metallurgist. P.E.

Mary Springer, Exec. Vice President- G. M.  
Gene Hainult, Metallurgical Consultant  
Jason Kupkovits, Sales Manager  
Allan Ladd, QC Manager-Foundry/Forge  
Tim Komar, Plant Manager-Foundry/Forge

Alana Riemer, Finance/H.R. Manager  
Mickey Doll, Shipping/Receiving Manager  
Corey Mir, Sales Representative  
Kirk Springer, Plant Manager – Tool Steel/Carburizing  
Tim Riemer, QC Manager – Tool Steel/Carburizing

### ***We proudly offer the following services:***

**ALUMINUM ANNEALING AND AGING:** 43" W x 48" H x 66" L - Rapid Quench

**AUSTEMPERING/MARQUENCHING:** (1) Salt to Salt - *Small Batch Production Line*

(3) Atmosphere to Salt - *High Production Batch Furnaces* 50" W x 50" L x 40" H  
**Capacity for over a Million pounds per month**

**CARBURIZING:** (1) Surface Combustion Super AllCase® - 36" x 72" x 36" 6000 lbs weight capacity .  
(1) Surface Combustion Super AllCase® - 36" x 72" x 42" 6000 lbs weight capacity .  
(2) Internal Quench furnaces: 28" W x 46" L x 20" H

**DEEP FREEZING/CRYO-TREATING TO – 300F:** 50" W x 50" L x 30" H Capacity

**FLAME HARDENING:** Capabilities of Spin or Selective Hardening of Crane Wheels, Pinions, and Gears.  
**New in 2008 – Up to 45" Diameter or 2500 lbs Spin Machine**

**GAS-NITRIDING:** (4) Furnaces with size capacities of 32.5" Dia.x 52" long Or 30" Dia x 75" Long

**LAB:** Microhardness tester, Metallagraph

**NORMALIZE, ANNEALING, & STRESS RELIEVING:** 180" L x 78" W x 40" H, 10,000 lbs Piece Capacity

**OIL HARDENING:** 70" W x 104" L x 44" H, 7,000 Lbs Piece Capacity

**POLYMER HARDENING:** 90" L x 60" D x 40" H, 6,000 Lbs Piece Capacity

**SHOT BLASTING:** 330 Shot in our 96" Diameter Table and 36 Cu-F t Tumble Blast. S110 Shot in our 48" wide Belt blast and our 5 Cu-ft rubber belt Tumble Blast. Hand-Blasting also available.

**STRAIGHTENING:** TOOL STEEL TO BAR STOCK. Capabilities up to a 200 ton press.

**VACUUM PROCESSING:** (4) Furnaces including a Seco/Warwick® Vacuum with the following:

**Adjustable Gas Quenching Pressures up to 15 Bar Absolute and a Maximum Operating Temperature up to 2400F**  
**True Isothermal Quenching coupled with Convection Heating to exceed NADCA H-13 property requirements while**  
**SUBSTANTIALLY reducing Warpage and Internal Die Stresses.**  
**Operating dimension up to 36" W x 32" H x 72" L and Weight capacity of 10,000 lbs.**

**VACUUM CARBURIZING:** 15 bar Quench capable of parts 44" diameter or 29" high or 72" long. Largest piece run has been 44" diameter 10" tooth face – 1600# – 4320 steel to 110" effective case depth & 60 R/C tooth hardness.

**WATER HARDENING:** 60" W x 64" L x 40" H, 4,000 Lbs Piece Capacity

***Please call us for our Tool Steel Schedule or our Trucking Capabilities.***

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