



HANSEN/BALK

STEEL TREATING COMPANY

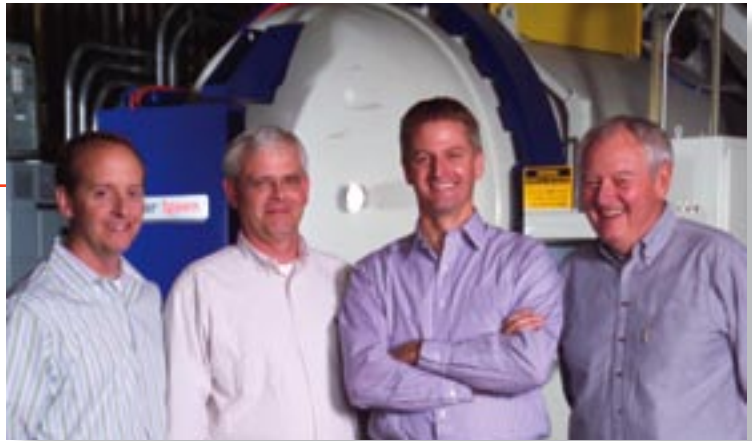
AIMING HIGH AND SETTING THE STANDARD FOR COMMERCIAL HEAT TREATING



OUR COMMITMENT

“Our organization is committed to exceeding our customers expectations, giving it that personal touch. If a customer is ever unsatisfied, we want to know about it. We will make good on our promise of quality and service.”

--James Balk II, President of Hansen-Balk



Steven, James, Martin and James Balk II



“I wasn’t here when Mr. Hansen started this company but I’ve learned as part of this team that everybody here lives his belief that the best customer service is as important as the best heat treating process.”

-- Gene McBride-25 year employee

Founded by Jens Hansen and located in downtown Grand Rapids, Michigan, for over 50 years Hansen-Balk has been serving the diverse needs of customers ranging from small tool and die shops to major corporate clients.

“Hansen-Balk is a first-class heat treating facility and we have no reservations with recommending their services going forward.”

-- Edd Ingram, Engineering Manager-Walker Die Casting

“For the past 16 years, Hansen-Balk Steel Treating has exceeded our expectations. They turn parts around overnight and work weekends to meet our delivery schedule. Their emphasis on customer service is outstanding.”

-- Lynn Patterson, Senior Materials Specialist-Stryker



North America's first and largest 15 bar high pressure quench vacuum furnace

A LEADERSHIP TRADITION

The highest quality tools achieve their best results when left to the expert hands of those who have been trained, have honed their skills and truly care about their work. At Hansen-Balk, that expertise is due to the fact that many of our valued employees were personally hired and trained by James Balk II who has been with the company since it was founded in 1955. Our employees apply their skills and precision every day so we can offer the best heat treatment processes to the customers we serve.

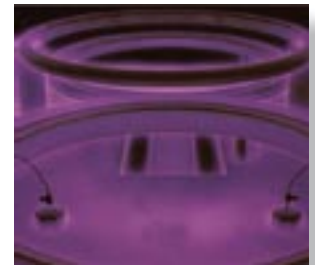
A REPUTATION FOR QUALITY

In 1955 our company started with a small 1,600 sq. ft. facility with three furnaces. Today we occupy 80,000 sq. ft. with over 60 operating furnaces, including many which are computer programmable. We are able to provide a broad range of atmosphere and vacuum heat treating processes to fit the specific requirements of different materials and applications. With our emphasis on vacuum technology, Hansen-Balk has developed a depth of service that includes the largest installation of vacuum equipment in North America. This production resource allows us to maintain a consistent readiness to meet customers' needs. These processes are backed with dependable quality control methods that assure consistently high quality results.



These three team members have 60 years combined experience. Staff experience is another reason to choose Hansen-Balk

Our Ion Nitriding capabilities compliment vacuum technology to produce extreme hardness in the product surface for higher abrasion resistance, fatigue strength, and corrosion resistance.



OUR PHILOSOPHY

If you were to take a tour of our facilities, you would note our impressive and continuous investment in the highest levels of technology. While computer technologies allow us to create innovative processes and flexible solutions, we continue to know that the value added by experienced heat treatment specialists is the key to exceeding customer expectations.



Atmosphere heat treating utilizing air, oil, water and salt quenching



Staying on the leading edge of vacuum technology

FULL SERVICE RELIABILITY

When you bring your job to Hansen-Balk, we promise a fast turn-around, usually within 24 hours. Your parts will be processed and certified to guarantee that we've met your specifications. Our goal is a satisfied client and a long-term relationship.



More process options with 2, 6, 12, and 15 bar vacuum furnaces



Meeting the intense standards for precision parts in the medical instrument industry



Induction heat treating increases accuracy

SERVICES AVAILABLE

- Vacuum Heat Treating
- High Pressure Quenching up to 15 Bar
- Vacuum Tempering
- Ion Nitriding
- High Speed Steel Heat Treating
- Stainless Steel Heat Treating
- High Alloy Steel Heat Treating
- Carburizing
- Flame Hardening
- Induction Heat Treating
- Stress Relieving
- Atmosphere Hardening
- Atmosphere Annealing
- Clean Annealing
- Mar-Tempering
- Normalizing
- Precipitation Hardening

INDUSTRIES WE SERVE

- Automotive
- Aerospace
- Medical Instruments
- Tool and Die
- Machine Tool Building
- Die Casting
- Plastic Molding
- Oil and Gas Exploration
- Heavy Truck
- Military Defense

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Celebrating Our 50th Anniversary

- ISO 9001: 2000
- General Motors Powertrain Specification DC-9999-1
- Ford Motor Company AMTD-DC2010

